

ADDENDUM SUMMARY

Addendum #3

Date: 02/09/2024

Project: 2024 – Fishers Elementary School Addition & Renovations

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein.

This Addendum includes the following attachments:

- 1) Addendum #3 dated 02/09/24 issued by CSO Architecture / Interior Design with attachments
- 2) Addendum #3 Revisions to Wurster Constr. Co. Procurement & Contract Requirements
 - a) Revised 00 24 00 Bid Packages
 - b) Revised 2.06.24 Schedule
 - c) Updated PHASE 1 drawing
- 3) Reference Allowances Bid Packages are to include the Overhead and Profit in their contract amount for the Allowances. Therefore, there will be no OH/P on changes funded by the Allowances.

End Addendum



ADDENDUM

S C S O

ADDENDUM NO: 3

BID PACKAGE NO: N/A

PROJECT: 2024 - Fishers Elementary School Addition and Renovations

PROJECT NO: 2021119 DATE: 02/09/2024 BY: Josh Cannaday

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

ATTACHMENTS

CSO Addendum No. 3, pages 1-5
See attached addendum by: CRIPE
See attached addendum by: CONTEXT
See attached addendum by: LHB
See attached addendum by: RED

Specifications:

01 23 00 - Alternates

Drawings:

AD202D, AD203, A103, A111, A201A, A201B, A201C, A201D, A202A, A202C, A202D, A203, A302, A303, A304, A312, A400, A402, A404, A406, A407, A409, A501, A502, A503, A600, A603, A613, A802B,

PART 1 - GENERAL INFORMATION

1.1 NOT USED

PART 2 - BIDDING REQUIREMENTS

2.1 NOT USED

PART 3 - SPECIFICATIONS

- 3.1 <u>01 23 00 Alternates</u>
 - A. Add the following line to Alternate No 06:
 - F. 1. c. Alternate 06c: Trane Controls
 - B. Add Alternate No 07 as follows:
 - G. Alternate No. 07: Synthetic Turf without Cushion (outside of playing surfacing)

Addendum 3

1



- 1. Base Bid: Synthetic Turf (outside of playing surfacing) without cushion layer
- 2. Alternate Bid: Provide a DEDUCT for turf seed in place of synthetic turf
- H. Alternate No. 08: Replace Existing Roof at Cafeteria and Gym
 - 1. Base Bid: Retain existing roofing membrane on cafeteria and gym as indicated-ed on A103.
 - 2. Alternate Bid: Remove existing roofing membrane over cafeteria and gym as shown on A103 and replace with new fully adhered roofing membrane over existing insulation as indicated by roof type "D".
- 3.2 <u>09 77 23 Fabric-Wrapped Panels</u>
 - A. Add manufacturer to 2.02.A
 - 6. Sound Seal.
- 3.3 <u>09 84 33 Sound-Absorbing Wall Units</u>
 - A. Add manufacturer to 2.01.A
 - 1. Cardinal Complete Panel, by Cardinal Acoustics.
- 3.4 <u>12 32 16 Manufactured Plastic Laminate-Faced Casework</u>
 - A. Add manufacturer to 2.01.A
 - 4. Case Systems.

PART 4 - DRAWINGS

- 4.1 AD201D First Floor Demolition Plan Unit D
 - A. Add demolition tag #3 in existing food storage space to indicate removal of existing stud wall.
- 4.2 <u>AD203 Roof Demolition Plan</u>
 - A. Revise demolition note #22.
- 4.3 <u>A103 Composite Roof Plan</u>
 - A. Add roof type 'D' to schedule and reflect location on roof plan.
- 4.4 <u>A111 First Floor Life Safety Plan</u>
 - A. Add verbiage for received variance 24-01-24.



4.5 <u>A201A – First Floor Plan – Unit A</u>

- A. Add section cut 7/A404 at room A134
- B. Tag BL1 outside of Waiting A101
- C. Add chase wall in Storage A143 and A155

4.6 A201B – First Floor Plan – Unit B

A. Add section cut 7/A404 to room B102

4.7 <u>A201D – First Floor Plan – Unit B</u>

- A. Tag BL2 at Vestibule D110
- B. Tag BL3 at Office D109
- C. Add new stud wall in D111 Dry Storage to accommodate new electrical panels in kitchen.

4.8 A202A – Second Floor Plan – Unit A

A. Add wall chase in Telecom A224

4.9 <u>A202C – Second Floor Plan – Unit C</u>

A. Add wall chase in Stair S206

4.10 A202D – Second Floor Plan – Unit D

A. Tag WD11

4.11 <u>A302 – Enlarged Elevations</u>

A. Revise elevations for graphic clarity

4.12 <u>A303 – Enlarged Elevations</u>

A. Revise elevations for graphic clarity

4.13 A304 – Exterior Elevations

A. Revise elevations for graphic clarity

4.14 A312 – Overall Penthouse Elevations

A. Revise elevations for graphic clarity

4.15 <u>A400 – Overall Building Sections</u>

- A. Add section callout 5/A407 to 1/A400
- 4.16 A402 Wall Sections
 - A. Add section 5/A402
- 4.17 A404 Wall Sections
 - A. Add section 7/A404 to sheet
- 4.18 A406 Wall Sections
 - A. Revise sections 1 and 2 on A406 for frame heights and expansion connection
- 4.19 A407 Wall Sections
 - A. Add detail 5/A407 to sheet
- 4.20 A409 Wall Sections
 - A. Revise section 4/A409 for expansion connection between canopy and vestibule wall
- 4.21 A501 Door Schedule
 - A. Revise frame type for doors D110C and D110D to F24.
 - B. Delete all instances of glazing type D from schedule.
- 4.22 A502 Door and Frame Elevations
 - A. Revise frames: F19, F21, F22, F24
- 4.23 <u>A503 Window Elevations</u>
 - A. Revise all titles on sheet to be "WD" in lieu of "W".
- 4.24 <u>A600 Casework Schedule</u>
 - A. Add B31 to Base Casework Schedule
- 4.25 <u>A603 Casework Elevations</u>
 - A. Add Mothers C225A casework elevation to sheet
- 4.26 <u>A613 Interior Elevations Gymnasium</u>
 - A. Revise acoustic panel tags in gymnasium elevations
- 4.27 <u>A802B Second Floor Finish Plan Unit B</u>



- A. Add staff restroom callout with finish tags
- 4.28 <u>A900 Equipment Schedule</u>
 - A. Remove SWP3, SWP4, and SWP5 from schedule

PART 5 - QUESTIONS AND ANSWERS

5.1 <u>NOT USED</u>

END ADDENDUM #2

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SUMMARY

A. Section includes administrative and procedural requirements for alternates.

1.03 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.04 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.01 SCHEDULE OF ALTERNATES

- A. Alternate No. 01: Performance & Payment Bond
 - Base bid: Performance & Payment Bond not required
 - 2. Alternate Bid: Provide an ADD to include a 100% Performance & Payment Bond for your Bid Package(s)
- B. Alternate No. 02: PVC Roofing.
 - 1. Base Bid: Provide polyvinyl-chloride (PVC) Roofing, fully adhered, as specified in 07 54 19 "Polyvinyl-Chloride (PVC) Roofing (Fully Adhered).
 - 2. Alternate Bid: Provide polyvinyl-chloride (PVC) Roofing, induction weld mechanically attached system as specified in 07 54 20 "Thermoplastic Polyvinyl-Chloride (PVC) Membrane Roofing Induction Weld Mechanically Attached System".

(Note: Refer to Drawing A103 and specs 07 54 19 and 07 54 20)

- C. Alternate No. 03: Boilers
 - Provide cost for hydronic boiler equipment with requirements specified in Section 23 52 16 - Condensing Boilers and as shown on plans. Amount represents cost of equipment. Base bid includes installation cost. However, installation costs unique to an offered alternate shall be included in the alternate cost. At least two alternates must be offered. If listed alternate is not offered, indicate "N/A."
 - a. Alternate 03a: Fulton Endura 2000
 - Alternate 03b: Lochinvar Crest FCB 2000
 - c. Alternate 03c: Cleaver Brooks CE 2000

(Note: All manufacturers are required to electronically submit a preliminary equipment submittal to the Construction Manager within 24 hours of bid.)

(Note: Refer to 23 52 16 and Drawing M611)

- D. Alternate No. 04: Air-Cooled Chiller
 - Amount to add to contract sum for chiller equipment <u>CH-A1</u> with requirements specified in Section 23 64 01 Packaged, Air-Cooled Water Chillers and as shown on plans. Amount represents cost of equipment. Base bid includes installation cost. However, installation costs unique to an offered alternate shall be included in the alternate cost. At least two alternates must be offered. If listed alternate is not offered, indicate "N/A."
 - a. Alternate 04a: York/JCIb. Alternate 04b: Trane
 - c. Alternate 04c: Carrier

Note: All manufacturers are required to electronically submit a preliminary equipment submittal to the Construction Manager within 24 hours of bid.

(Note: Refer to 23 64 01 and Drawings M301& M611)

E. Alternate No. 05: Air Handling Units

Amount to add to contract sum for all air handler equipment provided with requirements specified in Section 23 73 13 - Modular Indoor Air Handling Units and as shown on plans. Amount represents cost of equipment. Base bid includes installation cost. However, installation costs unique to an offered alternate shall be included in the alternate cost. At least two alternates must be offered. If listed alternate is not offered, indicate "N/A."

a. Alternate 05a: Carrierb. Alternate 05b: York/JCIc. Alternate 05c: Trane

(Note: All manufacturers are required to electronically submit a preliminary equipment submittal to the Construction Manager within 24 hours of bid.)

(Note: Refer to 23 73 13 and Drawings M415 & M611)

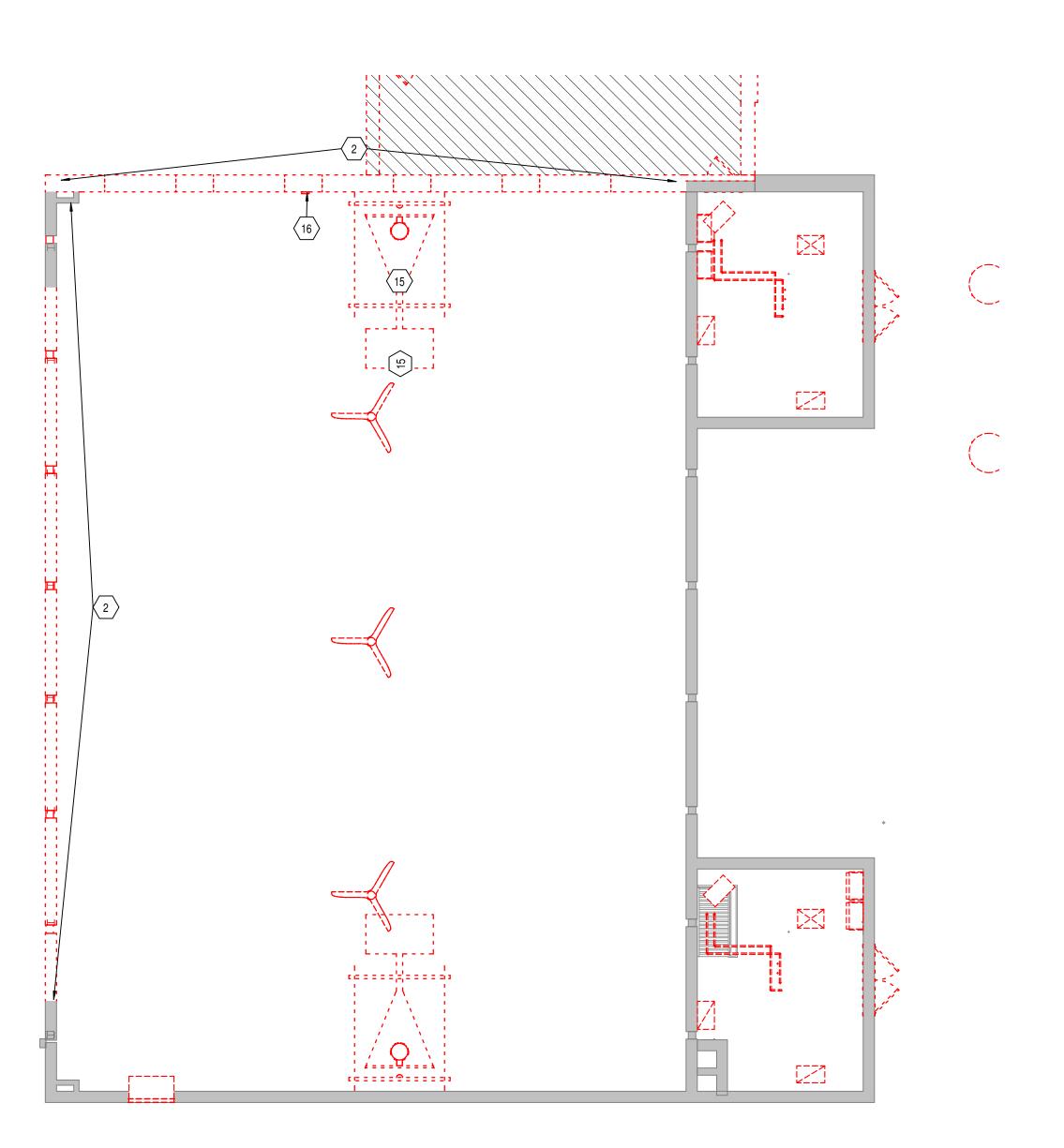
F. Alternate No. 06: Temperature Controls

Amount to add to contract sum for all temperature controls provided with requirements specified in Section 23 09 00 – Instrumentation and Controls for HVAC and as shown on plans. Amount represents cost of systems, equipment, and labor. If listed alternate is not offered, indicate "N/A."

a. Alternate 06a: Siemens Controls
b. Alternate 06b: Grantham Controls
c. Alternate 06c: Trane Controls

- G. Alternate No. 07: Synthetic Turf without Cushion (outside of playing surfacing)
 - 1. Base Bid: Synthetic Turf (outside of playing surfacing) without cushion layer
 - 2. Alternate Bid: Provide a DEDUCT for turf seed in place of synthetic turf.
- H. Alternate No. 08: Replace Existing Roof at Cafeteria and Gym
 - Base Bid: Retain existing roofing membrane on cafeteria and gym as indicated on A103.
 - 2. Alternate Bid: Remove existing roofing membrane over cafeteria and gym as shown on A103 and replace with new fully adhered roofing membrane over existing insulation as indicated by roof type "D".

END OF SECTION



1 SECOND LEVEL DEMOLITION PLAN - UNIT D

AD202D SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

- A. HEAVY DASHED LINES INDICATE STRUCTURE, WALLS AND ITEMS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.

 B. SOLID LINES INDICATE STRUCTURE, WALLS & ITEMS TO BEMAIN LINESS.
- B. SOLID LINES INDICATE STRUCTURE, WALLS, & ITEMS TO REMAIN, UNLESS NOTED OTHERWISE.
 C. PROTECT ALL FINISHES, EQUIPMENT & OTHER ITEMS TO REMAIN. WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE RESTORE TO ITS
- DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE RESTORE TO ITS ORIGINAL CONDITION OR REPLACE.

 CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION AND RELATED CONDITIONS PRIOR TO STARTUP OF DEMOLITION OR NEW
- CONSTRUCTION.

 E. COORDINATE EXTENTS AND EXACT DIMENSIONS WITH EXTENTS AND
- EXACT DIMENSIONS OF NEW WORK.

 F. ANY AND ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE

 ATTENTION OF THE ARCHITECT AND OWNER.
- ATTENTION OF THE ARCHITECT AND OWNER.

 G. REMOVE ALL MISCELLANEOUS EQUIPMENT ATTACHED TO WALLS, FLOORS AND CEILINGS TO BE DEMOLISHED. COORDINATE WITH THE OWNER FOR

ITEMS TO BE SALVAGED OR RE-INSTALLED.

- H. REMOVE ANY ITEMS NOT SPECIFICALLY IDENTIFIED TO BE REMOVED
 WHICH MUST OBVIOUSLY BE DEMOLISHED TO ACCOMMODATE NEW WORK.
 VERIFY WITH ARCHITECT.
 I. ALL OPENINGS, VOIDS, OR DAMAGED SURFACES LEFT BY THE REMOVAL OF
- EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, WINDOWS, ETC.,
 SHALL BE PATCHED & REPAIRED TO MATCH SURROUNDING WORK.
 PREPARE TO RECEIVE NEW FINISHES AS REQUIRED.
 REMOVE ALL MASTIC, ADHESIVES, FASTENERS AND OTHER MATERIALS
- WHERE FINISHES (SUCH AS FLOORING, BASE) AND EQUIPMENT (SUCH AS CASEWORK, TACKBOARDS, MARKERBOARDS, MECHANICAL ITEMS, ETC.)
 HAVE BEEN REMOVED AT EXISTING SURFACES TO REMAIN.
 K. CONSTRUCT DUST AND SOUND CONTROL BARRIERS PRIOR TO THE START
- K. CONSTRUCT DUST AND SOUND CONTROL BARRIERS PRIOR TO THE START
 OF WORK.
 L. SEE SPECIFICATIONS FOR ASSIGNMENT OF RESPONSIBILITIES PERTAINING
 TO PATCHING AND REPAIR WORK REQUIRED OF EACH TRADE.
- M. DEMOLITION WORK TO BE COMPLETED BY MECHANICAL/PLUMBING, ELECTRICAL TRADES IS SHOWN ON OTHER SHEETS IN THIS SET OF CONTRACT DOCUMENTS. THIS CONTRACTOR SHALL REVIEW THE DEMOLITION WORK OF OTHER TRADES TO DETERMINE WHERE SUCH
- WORK COULD AFFECT HIS WORK AND SHALL COORDINATE HIS WORK WITH THE WORK OF ALL OTHER TRADES.

 N. AT NEW OPENINGS IN EXISTING BRICK MASONRY WALLS, TOOTH IN BRICK TO MATCH EXISTING
- TO MATCH EXISTING.

 O. AT NEW OPENINGS IN EXISTING CONCRETE MASONRY WALLS, TOOTH IN NEW CMU TO MATCH EXISTING.
- P. WHERE EXISTING SURFACE MOUNTED VISUAL DISPLAY BOARDS (MARKER, CHALK, TACK BOARDS) ARE BEING REMOVED FROM WALLS, WALL SURFACE BEHIND BOARD IS TO BE PREPARED TO MATCH TEXTURE OF SURROUNDING SURFACES. PROVIDE BLOCK FILLER AS REQUIRED AND PATCH MOUNTING HOLES COMPLETE. REMOVE PAINT BUILD UP AT BOARD
- Q. CONTRACTOR IS RESPONSIBLE FOR PREP WORK REQUIRED FOR FLOOR SLAB TO RECEIVE NEW FINISHES. PREP WORK TO INCLUDE: PATCH FLOOR SLAB AT AREAS THAT WILL BE CUT TO ACCOMMODATE NEW PLUMBING LINES OR WHERE CAPPING OF EXISTING LINES BELOW THE SLAB IS REQUIRED AND FILLING IN HOLES IN SLAB WHERE EXISTING MEP HAS BEEN ABANDONED.

DEMOLITION NOTES

- 1 REMOVE ALL EXISTING CONSTRUCTION IN THIS AREA COMPLETELY, INCLUDING BUT NOT LIMITED TO ROOF SYSTEM, STRUCTURE, CONCRETE FLOOR SLAB, FOUNDATIONS, WALLS, DOORS, WINDOWS, CEILINGS, FINSIHES, ETC.
- REMOVE MASONRY WALL AS REQUIRED/INDICATED FOR NEW WORK REMOVE METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION AS REQUIRED/INDICATED FOR NEW WORK.
- 4 REMOVE PORTION OF MASONRY OR STUD WALL AS REQUIRED FOR INSTALLATION OF NEW DOOR AND/OR BORROWED LITE AND LINTEL.
- INSTALLATION OF NEW DOOR AND/OR BORROWED LITE AND LINTEL.
 5 REMOVE DOOR, FRAME, AND HARDWARE COMPLETELY.
- REMOVE DOOR, FRAME, AND HARDWARE COMPLETELY.
 REMOVE CASEWORK AND ALL ACCESSORIES COMPLETELY. REPAIR/CLEAN
 WALL AND PREP FOR NEW FINISH AS SCHEDULED WHERE APPLICABLE.
- 7 REMOVE PLUMBING FIXTURES, WALL VANITY, TOILET PARTITIONS, EQUIPMENT, AND ACCESSORIES IN RESTROOM.
 8 REMOVE EXISTING WINDOW COMPLETELY. PREPARE OPENING TO RECEIVE
- 9 REMOVE VISUAL DISPLAY BOARD COMPLETELY. PATCH AND REPAIR WALL FOR NEW FINISH AS SCHEDULED.
- 10 REMOVE SUSPENDED CEILING COMPLETELY.
 11 REMOVE FLOORING, BASE FINISHES, AND ADHESIVES COMPLETELY. PATCH AND
- PREP SURFACES FOR NEW FINISHES.

 12 REMOVE BULKHEADS IN CORRIDOR COMPLETELY.
- 13 REMOVE ALL PROJECTORS AND PROJECTION SCREENS IN THIS ROOM COMPLETELY.
- 14 REMOVE ALL ATHLETIC WALL PADDING COMPLETELY.
 15 REMOVE ALL CEILING-SUSPENDED GYMNASIUM EQUIPMENT COMPLETELY, INCLUDING ROPES, NETS, AND BASKETBALL STOPS.
 16 REMOVE AND REPLACE WIRE COVER.
- 17 REMOVE EXISTING LIGHT FIXTURES, TO BE REPLACED WITH NEW LIGHTING FIXTURES.
 18 REMOVE BLEACHERS COMPLETELY. PREP SURFACE FOR SCHEDULED FINISH.
- 19 REMOVE EIFS AND METAL COPING COMPLETE. PROTECT MASONRY AND PREPARE FOR NEW PARAPET CONDITION.
 20 REMOVE LOCKERS COMPLETELY. PREP SURFACES FOR SCHEDULED FINISH.
- 21 REMOVE FIRE EXTINGUISHER CABINET COMPLETELY.
 22 ALTERNATE BID REMOVE EXISTING ROOFING MEMBRANE AND REPAIR COVER
- BOARD AS REQUIRED FOR NEW MEMBRANE.

 23 REMOVE EXTERIOR FENCING LOCATED AT MECHANICAL COURTYARD
- 24 REMOVE PORTION OF CHIMNEY DOWN TO UNDERSIDE OF DECK
- 25 REMOVE STORAGE CAGE COMPLETE.26 REMOVE OVERHEAD COILING DOOR COMPLETE.

KEY PLAN - EXISTING

- 27 REMOVE EXISTING KITCHEN EQUIPMENT COMPLETE.
 28 SLAB DEMO
- 29 REMOVE EXISTING ACOUSTIC WALL PANELS. SALVAGE FOR REUPHOLSTERY AND REINSTALLATION. SEE ELEVATIONS FOR NEW LAYOUT.
- 30 REMOVE WALL HANGING FIRE EXTINGUISHER COMPLETE.
 31 REMOVE ELECTRONIC SCOREBOARD. SAVE SCOREBOARD FOR REINSTA
- 31 REMOVE ELECTRONIC SCOREBOARD. SAVE SCOREBOARD FOR REINSTALL IN NEW CONSTRUCTION.



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HAMILTON SOUTHEASTERN SCHOOL
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
SCHOOL
11442 LANTERN RD, FISHERS, IN 46038

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

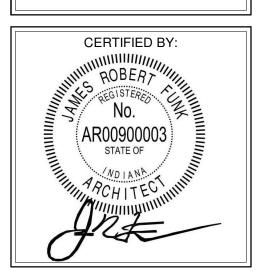
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

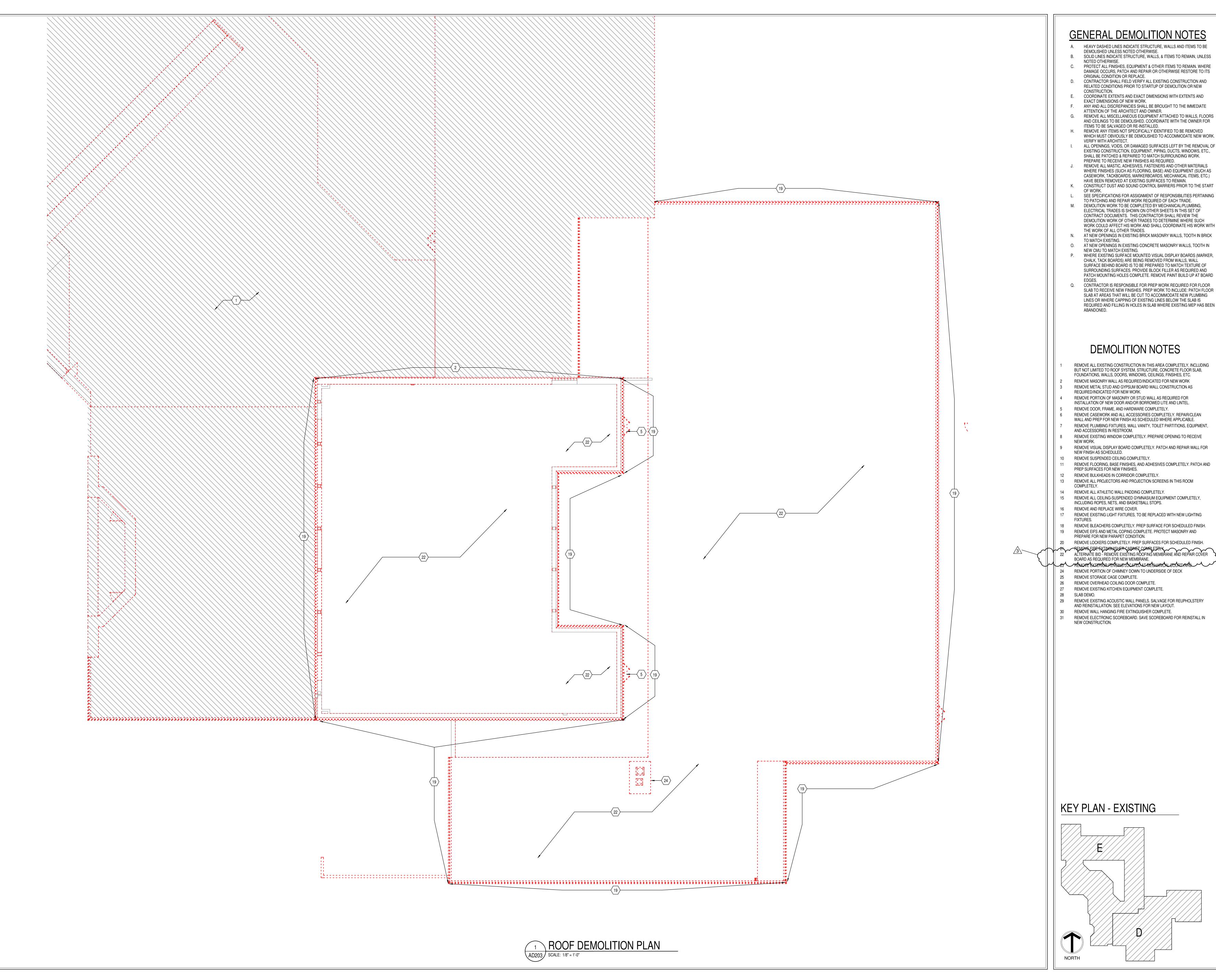
ISSUE DATE DRAWN BY CHECKED BY 01/15/2024 JNC ECN

DRAWING TITLE:
SECOND LEVEL
DEMOLITION
PLAN - UNIT D



AD202D

PROJECT NUMBER
2021119



GENERAL DEMOLITION NOTES

- A. HEAVY DASHED LINES INDICATE STRUCTURE, WALLS AND ITEMS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
- B. SOLID LINES INDICATE STRUCTURE, WALLS, & ITEMS TO REMAIN, UNLESS NOTED OTHERWISE. PROTECT ALL FINISHES, EQUIPMENT & OTHER ITEMS TO REMAIN. WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE RESTORE TO ITS
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- G. REMOVE ALL MISCELLANEOUS EQUIPMENT ATTACHED TO WALLS, FLOORS AND CEILINGS TO BE DEMOLISHED. COORDINATE WITH THE OWNER FOR
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- PREPARE TO RECEIVE NEW FINISHES AS REQUIRED. REMOVE ALL MASTIC, ADHESIVES, FASTENERS AND OTHER MATERIALS WHERE FINISHES (SUCH AS FLOORING, BASE) AND EQUIPMENT (SUCH AS
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- SEE SPECIFICATIONS FOR ASSIGNMENT OF RESPONSIBILITIES PERTAINING TO PATCHING AND REPAIR WORK REQUIRED OF EACH TRADE. M. DEMOLITION WORK TO BE COMPLETED BY MECHANICAL/PLUMBING, ELECTRICAL TRADES IS SHOWN ON OTHER SHEETS IN THIS SET OF CONTRACT DOCUMENTS. THIS CONTRACTOR SHALL REVIEW THE DEMOLITION WORK OF OTHER TRADES TO DETERMINE WHERE SUCH
- THE WORK OF ALL OTHER TRADES. N. AT NEW OPENINGS IN EXISTING BRICK MASONRY WALLS, TOOTH IN BRICK
- AT NEW OPENINGS IN EXISTING CONCRETE MASONRY WALLS, TOOTH IN
- WHERE EXISTING SURFACE MOUNTED VISUAL DISPLAY BOARDS (MARKER, CHALK, TACK BOARDS) ARE BEING REMOVED FROM WALLS, WALL SURFACE BEHIND BOARD IS TO BE PREPARED TO MATCH TEXTURE OF SURROUNDING SURFACES. PROVIDE BLOCK FILLER AS REQUIRED AND PATCH MOUNTING HOLES COMPLETE. REMOVE PAINT BUILD UP AT BOARD
- Q. CONTRACTOR IS RESPONSIBLE FOR PREP WORK REQUIRED FOR FLOOR SLAB TO RECEIVE NEW FINISHES. PREP WORK TO INCLUDE: PATCH FLOOR SLAB AT AREAS THAT WILL BE CUT TO ACCOMMODATE NEW PLUMBING LINES OR WHERE CAPPING OF EXISTING LINES BELOW THE SLAB IS REQUIRED AND FILLING IN HOLES IN SLAB WHERE EXISTING MEP HAS BEEN

DEMOLITION NOTES

- REMOVE ALL EXISTING CONSTRUCTION IN THIS AREA COMPLETELY, INCLUDING BUT NOT LIMITED TO ROOF SYSTEM, STRUCTURE, CONCRETE FLOOR SLAB, FOUNDATIONS, WALLS, DOORS, WINDOWS, CEILINGS, FINSIHES, ETC.
- REMOVE MASONRY WALL AS REQUIRED/INDICATED FOR NEW WORK REMOVE METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION AS
- REQUIRED/INDICATED FOR NEW WORK. REMOVE PORTION OF MASONRY OR STUD WALL AS REQUIRED FOR
- INSTALLATION OF NEW DOOR AND/OR BORROWED LITE AND LINTEL. REMOVE DOOR, FRAME, AND HARDWARE COMPLETELY.
- REMOVE CASEWORK AND ALL ACCESSORIES COMPLETELY. REPAIR/CLEAN WALL AND PREP FOR NEW FINISH AS SCHEDULED WHERE APPLICABLE.
- REMOVE PLUMBING FIXTURES, WALL VANITY, TOILET PARTITIONS, EQUIPMENT, AND ACCESSORIES IN RESTROOM. REMOVE EXISTING WINDOW COMPLETELY. PREPARE OPENING TO RECEIVE
- REMOVE VISUAL DISPLAY BOARD COMPLETELY. PATCH AND REPAIR WALL FOR
- REMOVE SUSPENDED CEILING COMPLETELY.
- REMOVE FLOORING, BASE FINISHES, AND ADHESIVES COMPLETELY. PATCH AND PREP SURFACES FOR NEW FINISHES.
- REMOVE ALL PROJECTORS AND PROJECTION SCREENS IN THIS ROOM
- 14 REMOVE ALL ATHLETIC WALL PADDING COMPLETELY. REMOVE ALL CEILING-SUSPENDED GYMNASIUM EQUIPMENT COMPLETELY,
- INCLUDING ROPES, NETS, AND BASKETBALL STOPS. REMOVE AND REPLACE WIRE COVER.
- 18 REMOVE BLEACHERS COMPLETELY. PREP SURFACE FOR SCHEDULED FINISH.
- REMOVE EIFS AND METAL COPING COMPLETE. PROTECT MASONRY AND
- REMOVE LOCKERS COMPLETELY. PREP SURFACES FOR SCHEDULED FINISH. REMOVE FIRE EXTINGUISHER CABINET COMPLETELY

 ALTERNATE BID - REMOVE EXISTING ROOFING MEMBRANE AND REPAIR COVER
- BOARD AS REQUIRED FOR NEW MEMBRANE. 123 PRÉMOVE EXTERIOR PENSING LOCATED ATMEDIANICAL COURTYARD REMOVE PORTION OF CHIMNEY DOWN TO UNDERSIDE OF DECK
- 25 REMOVE STORAGE CAGE COMPLETE.
- 26 REMOVE OVERHEAD COILING DOOR COMPLETE.
- 27 REMOVE EXISTING KITCHEN EQUIPMENT COMPLETE.
 - REMOVE EXISTING ACOUSTIC WALL PANELS. SALVAGE FOR REUPHOLSTERY AND REINSTALLATION. SEE ELEVATIONS FOR NEW LAYOUT.
- 30 REMOVE WALL HANGING FIRE EXTINGUISHER COMPLETE.
- REMOVE ELECTRONIC SCOREBOARD. SAVE SCOREBOARD FOR REINSTALL IN

Hamilton Southeastern Schools

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equirements of the Contract.
On the basis of the general scope indicated or descri the trade contractors shall furnish all items required for the proper execution and completion of the work. REVISIONS: ADD #2 02/02/2024

ADD #3 02/09/2024

SCOPE DRAWINGS:

ISSUE DATE | DRAWN BY | CHECKED BY

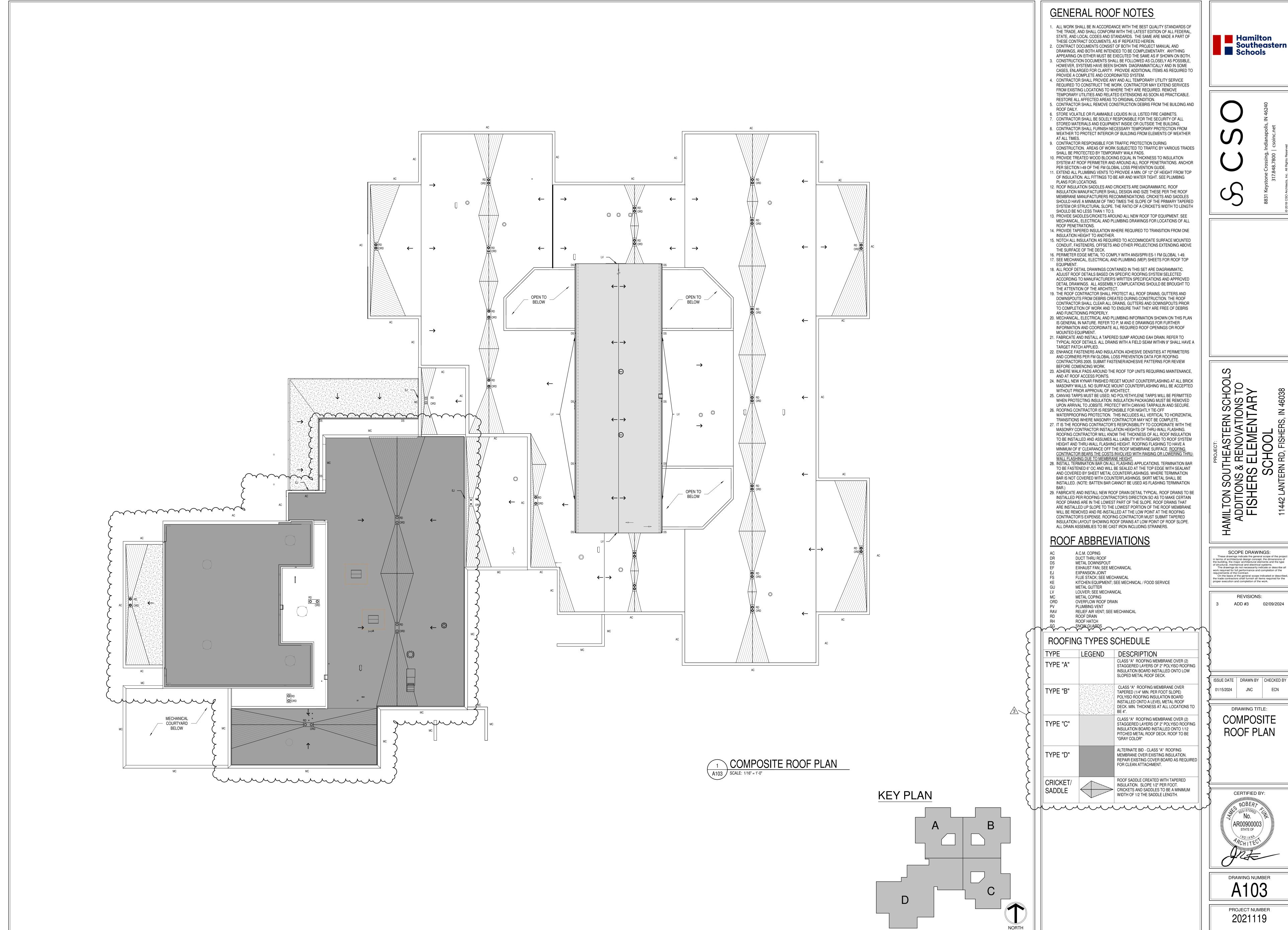
01/15/2024 JNC ECN

DRAWING TITLE:

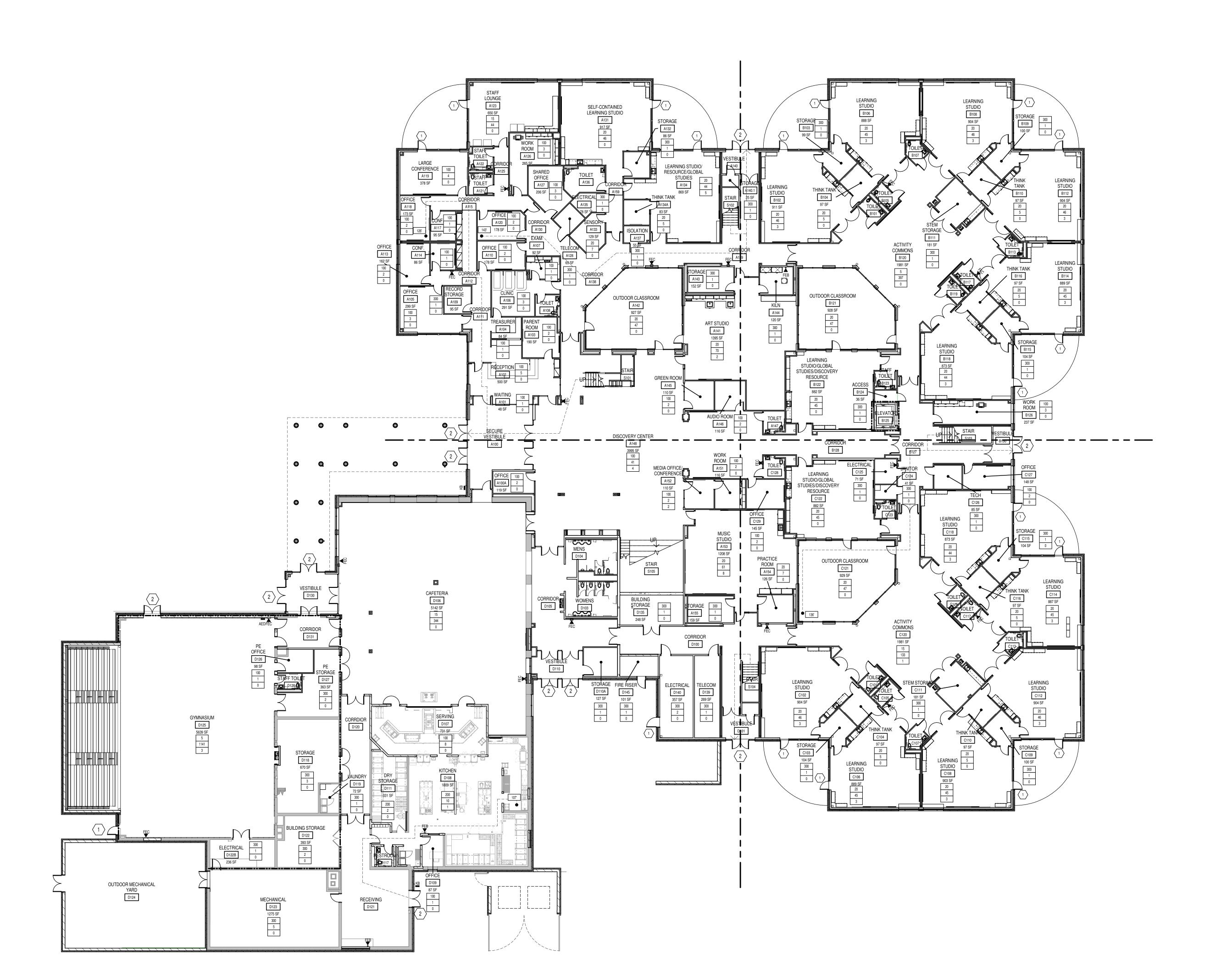
CERTIFIED BY:

DRAWING NUMBER PROJECT NUMBER

2021119



Southeastern Schools



BUILDING CODE ANALYSIS

OCCUPANCY TYPE E TYPE OF CONSTRUCTION II-B, TWO STORY

SPRINKLER SYSTEM
APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED THROUGHOUT BUILDING.

BUILDING IS UNLIMITED IN AREA PER IBC 507.4 WITH INDIANA AMENDMENTS. BUILDING RECEIVED INDIANA STATE VARIANCE 24-01-24.

ACTUAL FLOOR AREA

ACTUAL FLOOR AREA	RENOVATED		NEW	
AREA SUMMARY	EXISTING	DEMOLISHED	CONSTRUCTION	TOTAL
GROUND FLOOR	18,757 SF	43,163 SF	51,341.12 SF	70,098.29 SF
SECOND FLOOR	2,200 SF	10,166 SF	34,992.96 SF	37,193.76 SF
TOTAL FLOOR AREAS	20,957 SF	53, 329 SF	86,334.08 SF	107,292.05 SF
CANOPY AREA	N/A	N/A	1,825 SF	1,825 SF

NUMBER OF	EXITS:	NEW R	OOMS ARE	REQUIRED TWO MEAI	NS OF EGRESS WHEN:
		AREA	OCCUPANT	TS LOAD FACTOR	COMMON PATH OF TRAVEL
CLASSROOM	MS >	1,000 SF	>50	20 SF/PERSON	>75 FEET
BUSINESS	>!	5,000 SF	>50	100 SF/PERSON	>100 FEET
ASSEMBLY	>350 OF	R 750 SF	>50	7 OR 15 SF/PERSON	>75 FEET

EGRESS CAPACITY: 0.15 INCHES PER PERSON AT DOORS

TRAVEL DISTANCE: TABLE 1016.2, IBC LIMITS THE MAXIMUM TRAVEL DISTANCE IN A SPRINKLED BUILDING. E OCCUPANCY 250 FEET

DOOR SWING: DOORS SERVING AN AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL (SECTION 1008.1.2. IBC).

BUILDING ELEMENT:	MINIMUM FIRE RESISTANCE:
BEAMS	0 (TABLE 601)
COLUMNS	0 (TABLE 601)
EXTERIOR BEAMING WALLS	0 (TABLE 601)
EXTERIOR NON-BEARING WALLS	$X < 30 = 0$; $10 \le X = 0$ (TABLE 601 & 602)
INTERIOR BEARING WALLS (PARTITIONS)	0 (TABLE 601 AND SEC 602.2)
FLOOR CONSTRUCTION	0 (TABLE 601)
ROOF CONSTRUCTION	0 (TABLE 601)
CORRIDORS	0 (TABLE 1018.1)
STAIRWAYS	UNENCLOSED STAIRWAYS SHALL
	BE PERMITTED (SEC 1020.1,

ELEVATOR SHAFT AND EQUIPMENT ROOM FIRE RATING
THE NEW ELEVATOR EQUIPMENT ROOMS SHALL RECEIVE A TWO HOUR FIRE RATING FOR ITS ENCLOSURE AS REQUIRED TO ALLOW THE DELETION OF THE INSTALLATION OF A FIRE SPRINKLER SYSTEM WITHIN THOSE AREAS.

EXCEPTION 9)

INDIANA BUILDING CODE - 2014 (2012 INTERNATIONAL BUILDING CODES & STATE AMENDMENTS) INDIANA FIRE CODE - 2014 (2012 INTERNATIONAL FIRE CODES & STATE AMENDMENTS)

INDIANA ELECTRICAL CODE - 2009 (2008 NFPA 70 & STATE AMENDMENTS) INDIANA MECHANICAL CODE - 2014 (2012 INTERNATIONAL MECHANICAL CODE & STATE AMENDMENTS) INDIANA PLUMBING CODE - 2012 (2006 INTERNATIONAL PLUMBING CODES & STATE AMENDMENTS) INDIANA ELEVATOR CODE - 2011 (ASME A17.1 - 2007 WITH STATE AMENDMENTS) INDIANA ACCESSIBILITY CODE - (2014 I.B.C., CHAP. 11 (ANSI 117.1-2009)) INDIANA ENERGY CONSERVATION CODE - 2010 (ASHRAE 90.1 2007 EDITION WITH STATE AMENDMENTS) NFPA 10 - 2010 EDITION, PORTABLE FIRE EXTINGUISHERS NFPA 13 - 2010 EDITION, INSTALLATION OF SPRINKLER SYSTEMS NFPA 13 - 2010 EDITION, INSTALLATION OF SPRINKLER SYSTEMS
NFPA 72 - 2010 EDITION, NATIONAL FIRE ALARM CODE
GENERAL ADMINISTRATION RULES (675 IAC 12)
AMERICANS WITH DISABILITIES ACT (FEDERAL LAW) JULY 26, 1992

BUILDING CODE LEGEND

	2 HOUR FIRE BARRIER
FEC	FIRE EXTINGUISHER AND CABINET
FEB	FIRE EXTINGUISHER AND BRACKET
AED	AUTOMATED EXTERNAL DEFIBRILLATOR
КВ	KNOCK BOX RAPID ENTRY SYSTEM
\otimes	EXIT SIGN, COORD. WITH E-SERIES DWGs

LIFE SAFETY LEGEND

	_	
EGRESS LEG	END	
DOOM NA	4F	ROOM NAME
ROOM NAM		ROOM NUMBER
XXXX		
842 SF	4	ROOM SIZE (S.F.)
20		EGRESS REQUIRMENT PER IBC TABLE 1004.1.2
43		CODE OCCUPANT LOAD / CAPACITY
2		ACCESSORY OCCUPANT LOAD / CAPACITY
28		FUNCTIONAL OCCUPANT LOAD / CAPACITY
43	◄	ACCESSORY SPACE OCCUPANT

LOAD / CAPACITY

1 3'-0" DOOR (33.2" CLEAR WIDTH) AT .015" PER OCC. = 221 OCC.

(1A) 3'-0" DOOR (33.2" CLEAR WIDTH) AT .02" PER OCC. = 166 OCC.

PR. 3'-0" DOOR (66.4" CLEAR WIDTH) AT .015" PER OCC. = 442 OCC. **2A** PR. 3'-0" DOOR (66.4" CLEAR WIDTH) AT .02" PER OCC. = 332 OCC.

DIRECTION OF EXIT PATH 141' DISTANCE TO EXIT

Hamilton
Southeastern
Schools

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ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
SCHOOL
11442 LANTERN RD, FISHERS, IN 46038

SCOPE DRAWINGS: These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

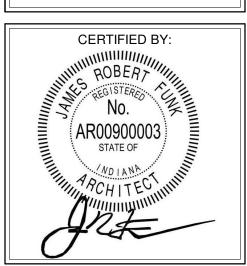
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

ADD #3 02/09/2024

REVISIONS:

ISSUE DATE DRAWN BY CHECKED BY 01/15/2024 ECN ECN

DRAWING TITLE: FIRST FLOOR LIFE SAFETY PLAN

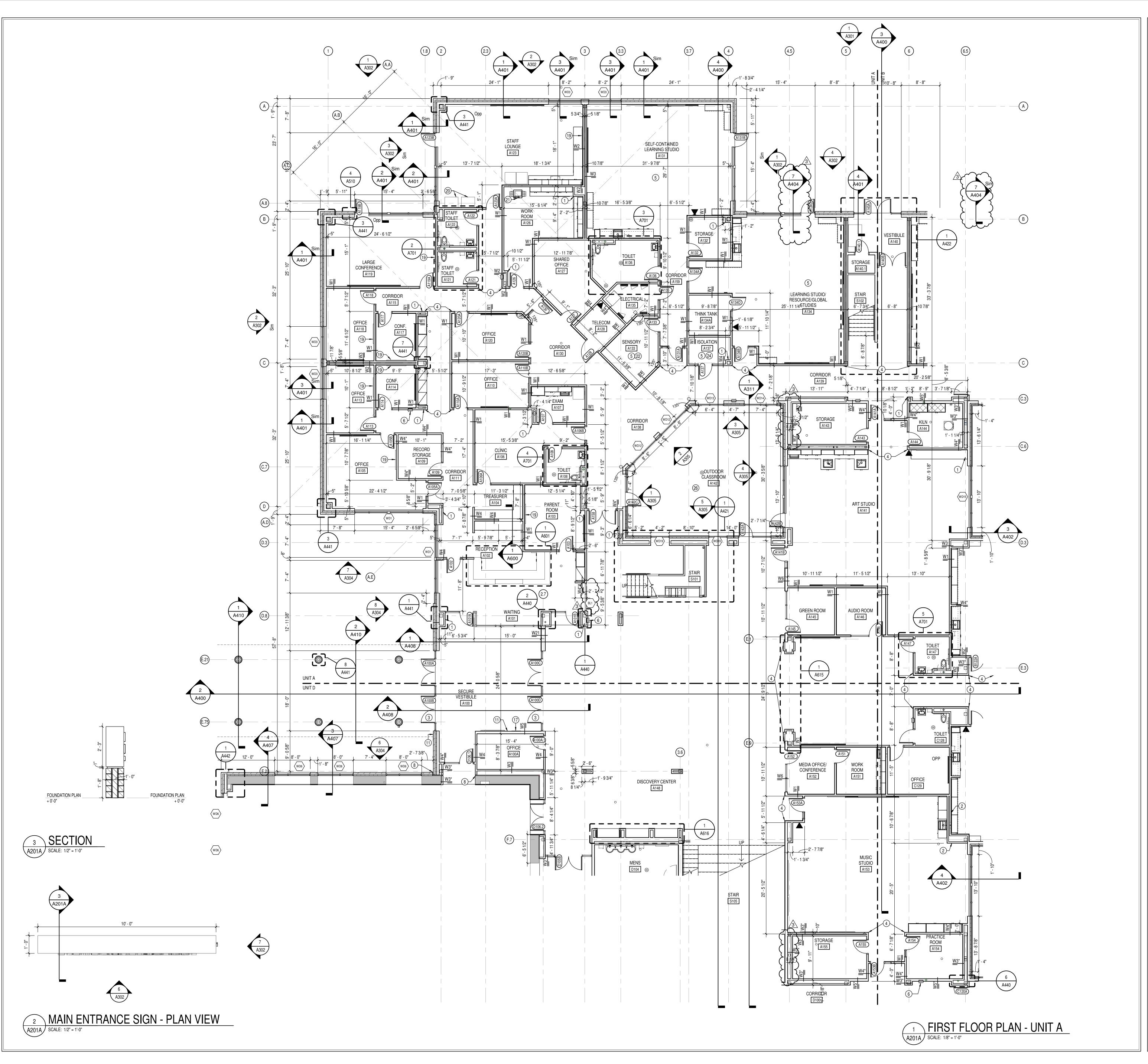


DRAWING NUMBER

PROJECT NUMBER 2021119

1 FIRST FLOOR LIFE SAFETY PLAN

SCALE: 1/16" = 1'-0"



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 SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
 ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O.
 CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE
 BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO
- ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.

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- ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.

 SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
 REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
- V. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.

 PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.

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- Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
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- BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 0'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

- CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALLTYPE W3#*
 ACOUSTIC SEPERATION WALL PROVIDE ACOUSTICAL SEALANT AT ALL
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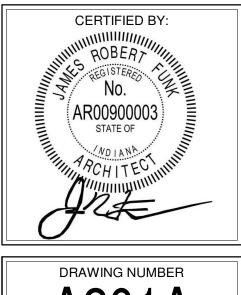
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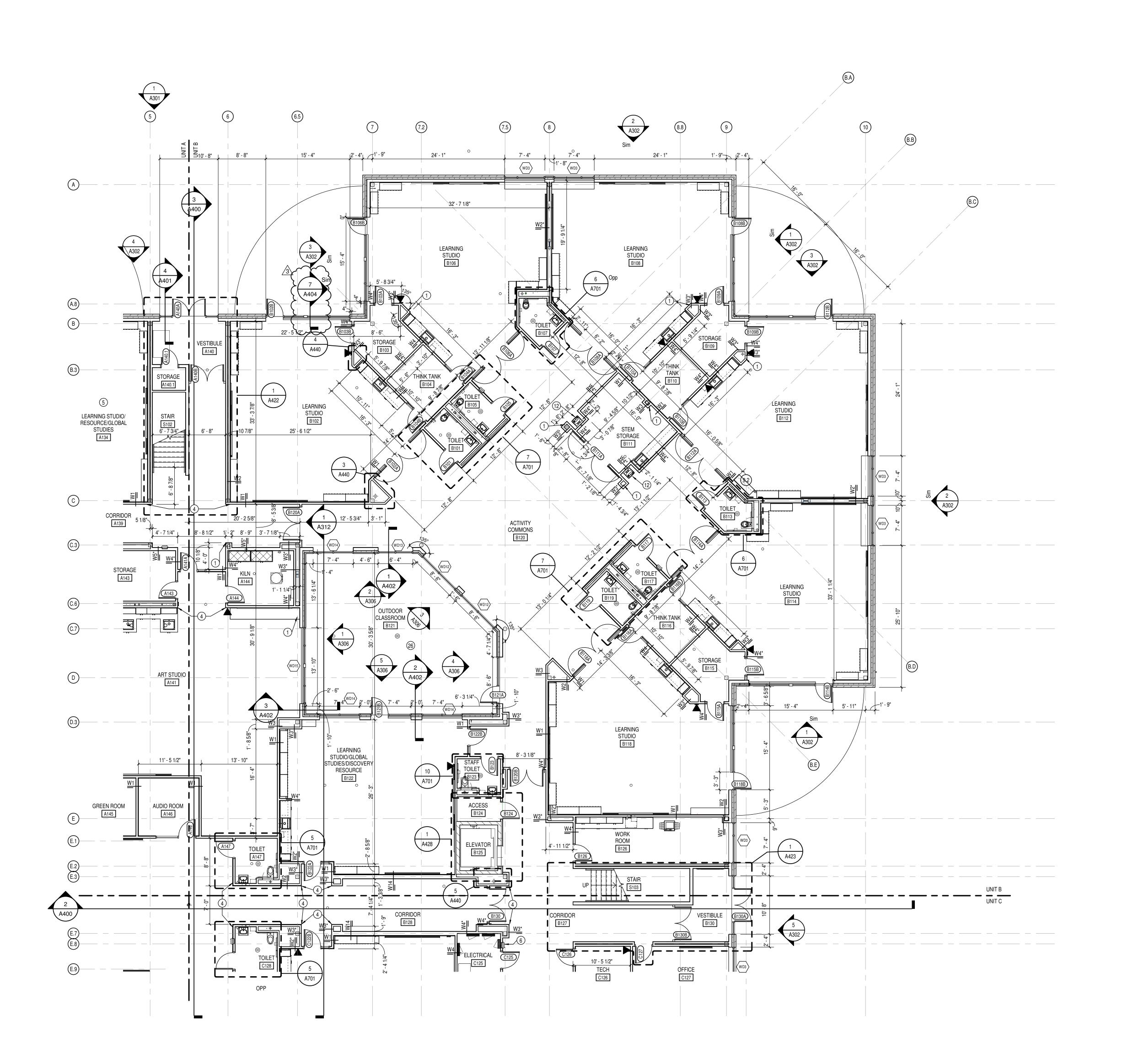
DRAWING TITLE:
FIRST FLOOR
PLAN - UNIT A

CERTIFIED BY:



DRAWING NUMBER
A201A

PROJECT NUMBER
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Hamilton Southeastern Schools



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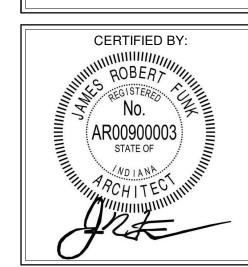
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ADD #3 02/09/2024

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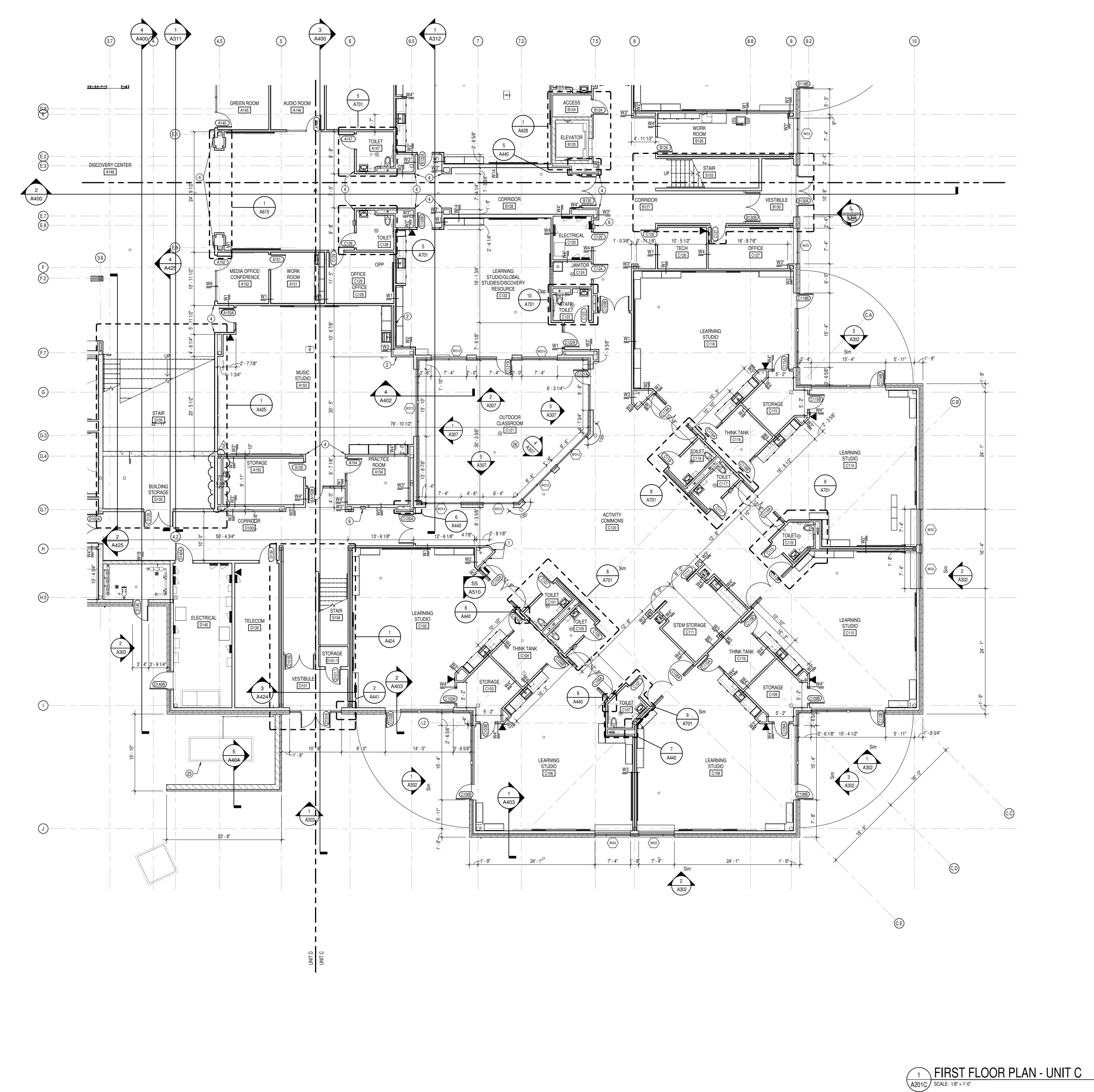
ISSUE DATE | DRAWN BY | CHECKED BY 01/15/2024 JNC ECN

DRAWING TITLE: FIRST FLOOR PLAN - UNIT B



DRAWING NUMBER A201B PROJECT NUMBER 2021119

1 FIRST FLOOR PLAN - UNIT B
A201B SCALE: 1/8" = 1'-0"



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- THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
- ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND WINDOW FRAMES IS TO BE 1/4" CLEAR TEMPERED GLASS UNLESS NOTED OTHERWISE. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILNG MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.

ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF

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- ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
- REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE
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- APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING
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PLAN NOTES

- CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALLTYPE W3#* ACOUSTIC SEPERATION WALL - PROVIDE ACOUSTICAL SEALANT AT ALL
- PENETRATIONS. GALVANIZED POWDER COATED METAL SWING GATES. REFER TO SPECIFICATION
- 32 31 19 FOR MORE INFORMATION. GATE SHALL BE FULL HEIGHT OF ENCLOSURE. ENSURE GATE POSTS ARE EMBEDDED INTO ENCLOSURE FOUNDATION WALL. ALIGN FINISH FACES.
- HIGH ABUSE RESISTANCE GYPSUM BOARD INSTALLED IN THIS ROOM
- FIRE EXTINGUISHER AND CABINET SEE EQUIPMENT DRAWINGS.
- MANUALLY OPERATED COILING COUNTER DOOR. REFER TO SPECS. 8 2" BUILDING EXPANSION JOINT LOCATION
- ELECTRICALLY OPERATED TELESCOPIC BLEACHERS. SEE EQUIPMENT DRAWINGS AND REFER TO SPECS. 10 ELECTRICALLY OPERATED CEILING HUNG BASKETBALL BACKSTOP. SEE
- EQUIPMENT DRAWINGS AND REFER TO SPECS.
- 1 ADA PUSH PAD LOCATION FOR AUTOMATIC DOOR OPENER. 12 WATER COOLER, SEE PLUMBING DRAWINGS.
- 13 INFILL WALL OPENING TO MATCH ADJACENT WALL CONSTRUCTION 14 LOOSE EQUIPMENT - DUMPTSTER.
- 15 ELECTRIC KILN AND VENT. SEE MECHANICAL DRAWINGS AND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
- 6 MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
- 17 DEDICATION PLAQUE BY OWNER. 18 GLASS GUARDRAIL SYSTEM

KEY PLAN

- 19 MONITOR. REFER TO TELECOM DRAWINGS.
- 20 LOOSE EQUIPMENT VENDING MACHINE. 21 LOOSE EQUIPMENT - COPY MACHINE.
- 22 PROVIDE EYE HOOK FOR SENSORY SWING IN THIS ROOM. REFER TO TYPICAL STRUCTURAL DETAILS SHEET FOR ADDITIONAL INFORMATION.
- 3 MECHANICAL EQUIPMENT PADS, SEE MEP DRAWINGS FOR MORE INFORMATION 24 WALL PADDING THIS ROOM. SEE SPEC 11 66 26 FOR INFORMATION
- 25 CASED OPENINGS FOR STAIRS COORDINATE HEIGHT AND WIDTH WITH STAIRS AND SHIPS LADDER, MAINTAIN MIN. OVERHEAD HEAD CLEARANCE. WALL TO EXTEND TO DECK ABOVE.
- 26 ALL EXTERIOR WALLS IN THE OUTDOOR COURTYARD TO RECEIVE 1' 0" OF SELF ADHERING WATERPROOF MEMBRANE, SEE BASE OF WALL DETAIL ON A4--. 7 MOP SINK - REFER TO PLUMBING DRAWINGS.
- 28 EXISTING FRAME TO REMAIN. REMOVE DOORS AND PATCH/PAINT FRAME TO
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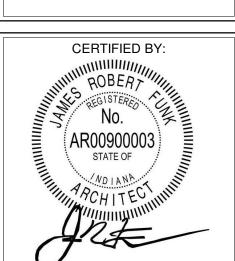
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> REVISIONS: ADD #3 02/09/2024

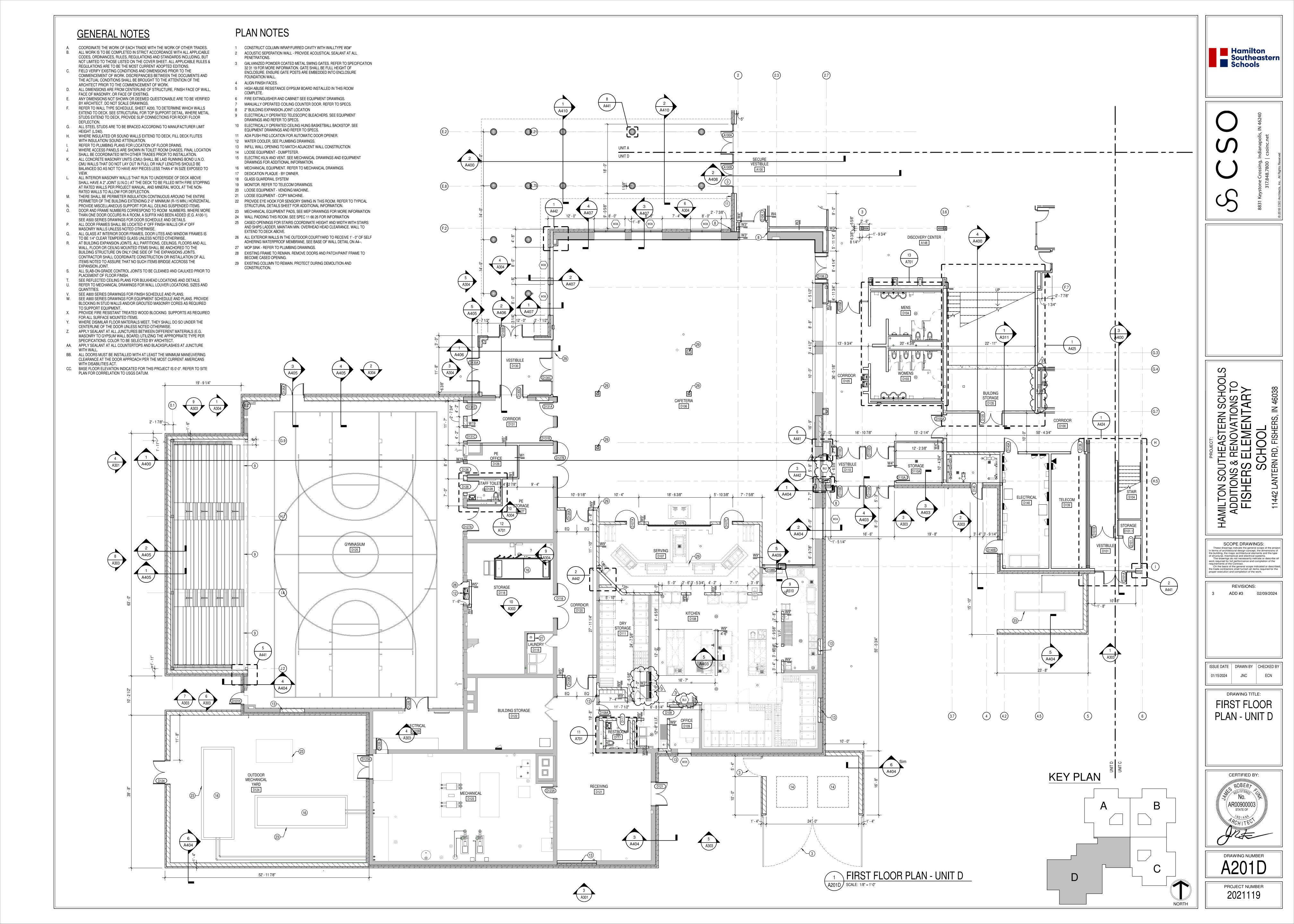
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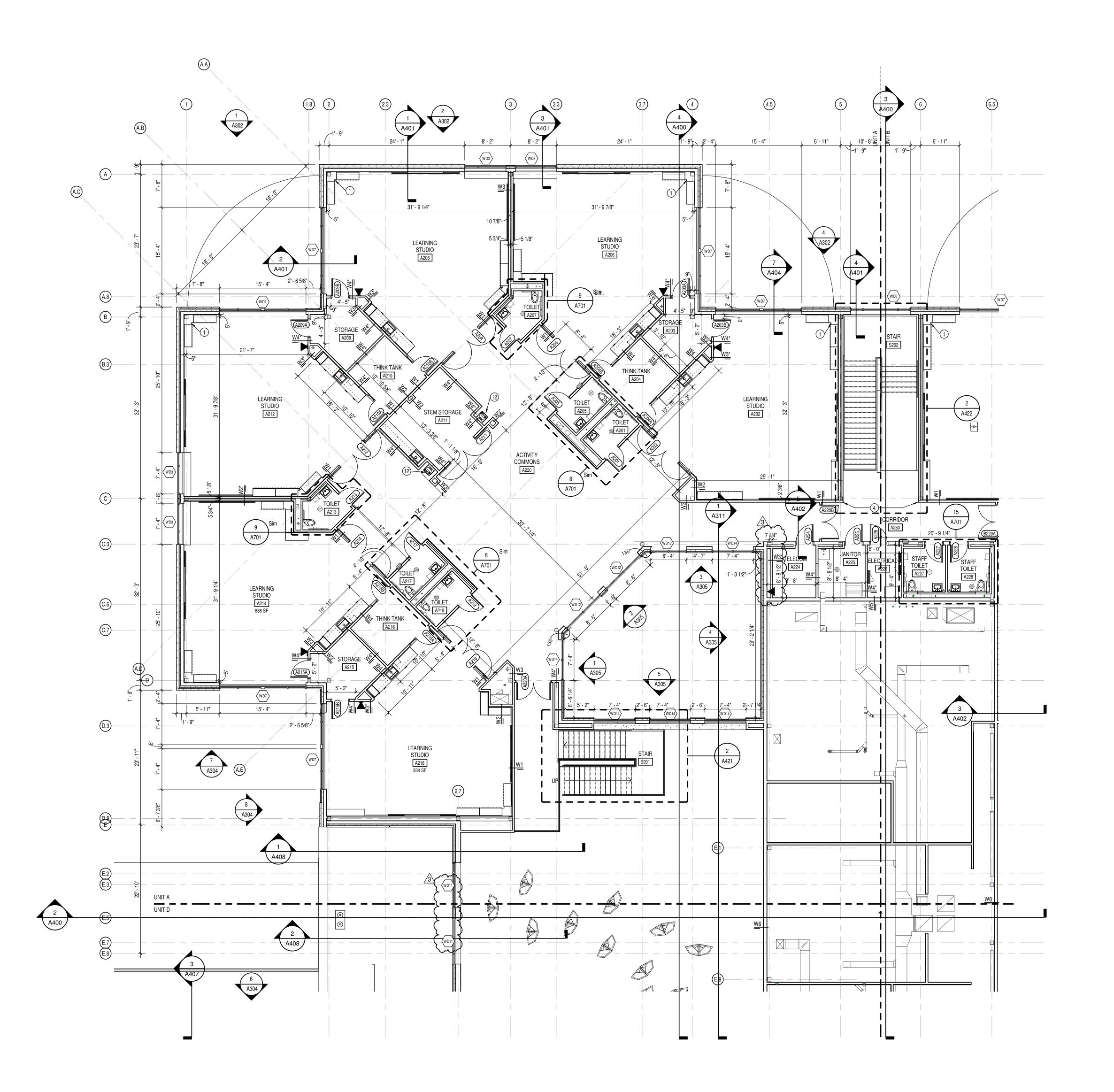
01/15/2024 JNC ECN

DRAWING TITLE: FIRST FLOOR PLAN - UNIT C



DRAWING NUMBER A201C PROJECT NUMBER 2021119





- A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
 B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.

 C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK, DISCREPANCIES BETWEEN THE DOCUMENTS AND
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- ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.

 D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.

 E. ANY DIMENSIONS NOT SHOWLD BE DEVICED.
- BY ARCHITECT. DO NOT SCALE DRAWINGS.

 REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR
- ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
- WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
 REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
- WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
 ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O.
 CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO
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 SEE REFLECTED CEILING PLANS FOR BUILKHEAD LOCATIONS AND DETAILS.
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 J. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.

 V. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
- W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
 X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
- Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.

 Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G.
- MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.

 AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
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 BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
- CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 0'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

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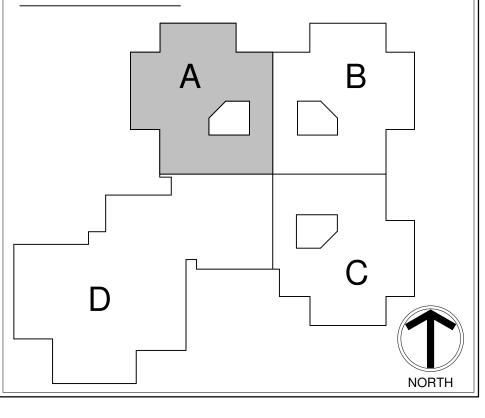
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- 28 EXISTING FRAME TO REMAIN. REMOVE DOORS AND PATCH/PAINT FRAME TO BECOME CASED OPENING.
- 29 EXISTING COLUMN TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION

DRAWING TITLE:

KEY PLAN

1 SECOND FLOOR PLAN - UNIT A

A202A SCALE: 1/8" = 1'-0"





8831 Keystone Crossing, Indianapolis, IN 46240

ADDITIONS & RENOVATIONS TO FISHERS ELEMENTARY SCHOOL SCHOOL

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

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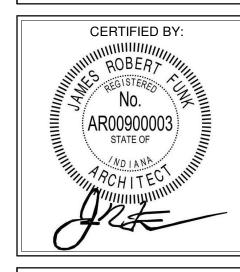
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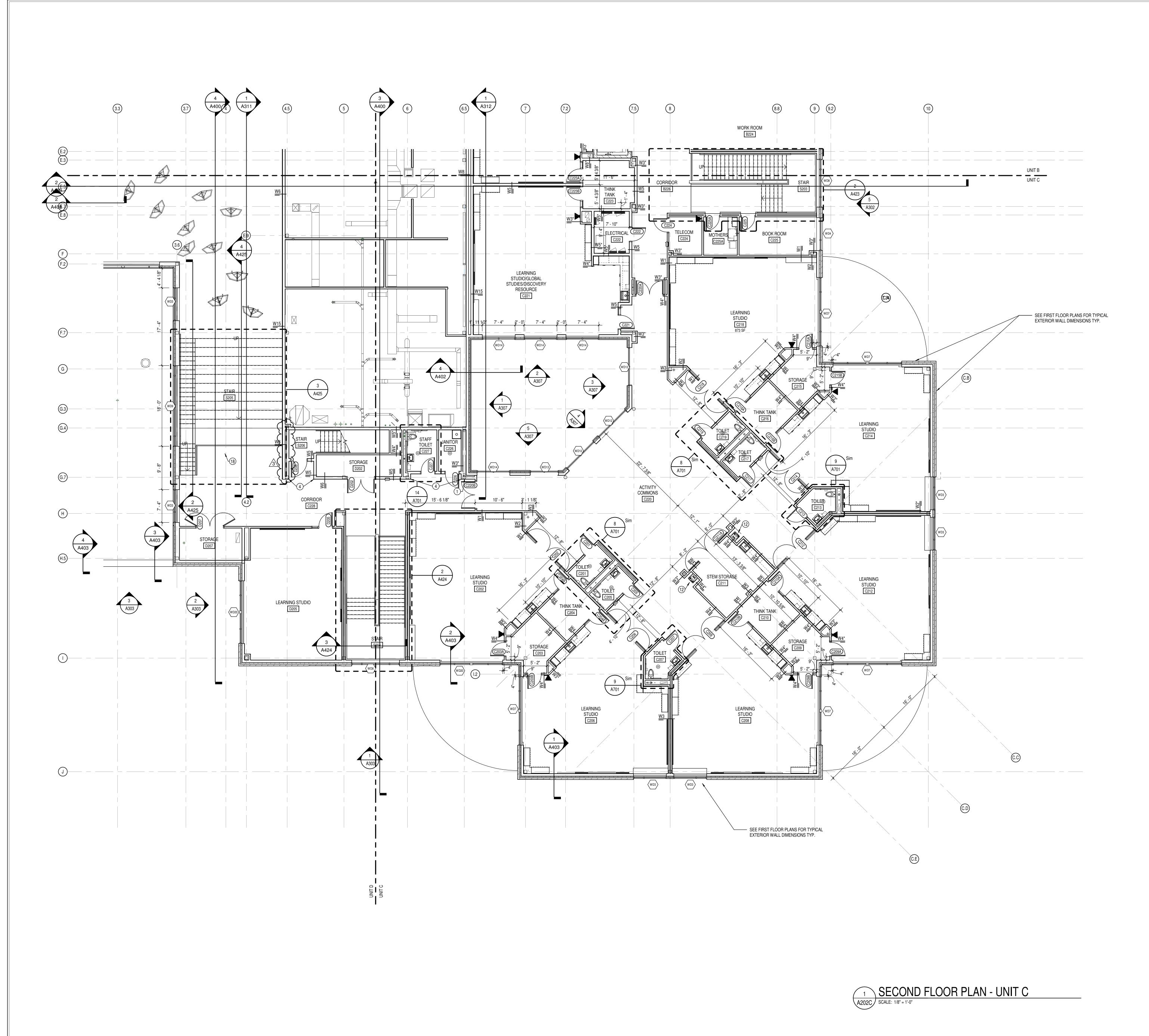
REVISIONS:

ADD #3 02/09/2024

ISSUE DATE | DRAWN BY | CHECKED BY | 01/15/2024 | JNC | ECN

SECOND FLOOR PLAN - UNIT A





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Hamilton Southeastern Schools

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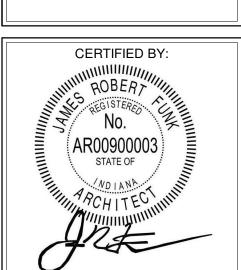
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> REVISIONS: ADD #3 02/09/2024

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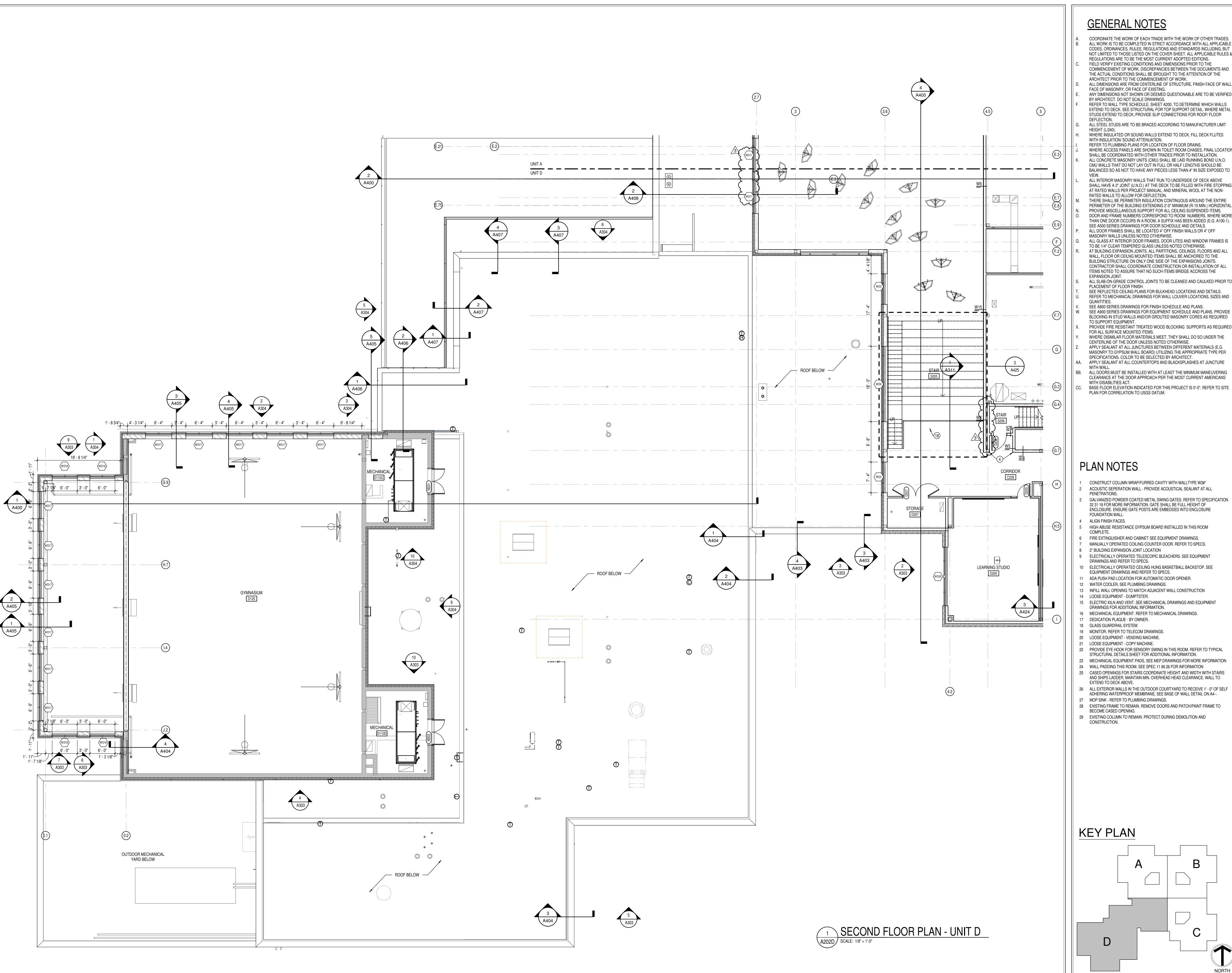
01/15/2024 JNC ECN

DRAWING TITLE: SECOND FLOOR PLAN - UNIT C



DRAWING NUMBER A202C PROJECT NUMBER 2021119

KEY PLAN

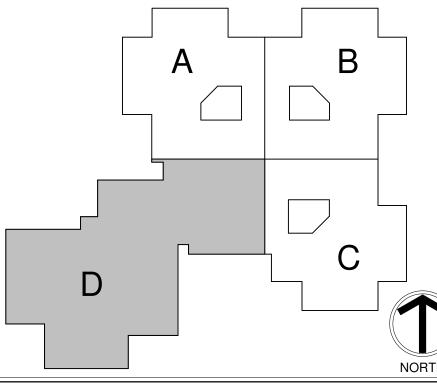


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- WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
- REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO
- ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE
- ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND WINDOW FRAMES IS TO BE 1/4" CLEAR TEMPERED GLASS UNLESS NOTED OTHERWISE. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE
- ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND
- QUANTITIES. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
- PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G.
- MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT. AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING
- CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 0'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

- CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALLTYPE W3#* ACOUSTIC SEPERATION WALL - PROVIDE ACOUSTICAL SEALANT AT ALL
- GALVANIZED POWDER COATED METAL SWING GATES. REFER TO SPECIFICATION 32 31 19 FOR MORE INFORMATION. GATE SHALL BE FULL HEIGHT OF ENCLOSURE. ENSURE GATE POSTS ARE EMBEDDED INTO ENCLOSURE FOUNDATION WALL. ALIGN FINISH FACES.
- HIGH ABUSE RESISTANCE GYPSUM BOARD INSTALLED IN THIS ROOM
- FIRE EXTINGUISHER AND CABINET SEE EQUIPMENT DRAWINGS.
- MANUALLY OPERATED COILING COUNTER DOOR. REFER TO SPECS. 2" BUILDING EXPANSION JOINT LOCATION
- ELECTRICALLY OPERATED TELESCOPIC BLEACHERS. SEE EQUIPMENT DRAWINGS AND REFER TO SPECS. 0 ELECTRICALLY OPERATED CEILING HUNG BASKETBALL BACKSTOP. SEE
- EQUIPMENT DRAWINGS AND REFER TO SPECS. ADA PUSH PAD LOCATION FOR AUTOMATIC DOOR OPENER.
- 2 WATER COOLER, SEE PLUMBING DRAWINGS. B INFILL WALL OPENING TO MATCH ADJACENT WALL CONSTRUCTION
- 4 LOOSE EQUIPMENT DUMPTSTER. 15 ELECTRIC KILN AND VENT. SEE MECHANICAL DRAWINGS AND EQUIPMENT
- DRAWINGS FOR ADDITIONAL INFORMATION. MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
- DEDICATION PLAQUE BY OWNER.
- 8 GLASS GUARDRAIL SYSTEM 19 MONITOR. REFER TO TELECOM DRAWINGS.
- 20 LOOSE EQUIPMENT VENDING MACHINE. 21 LOOSE EQUIPMENT - COPY MACHINE.
- 22 PROVIDE EYE HOOK FOR SENSORY SWING IN THIS ROOM. REFER TO TYPICAL STRUCTURAL DETAILS SHEET FOR ADDITIONAL INFORMATION.
- MECHANICAL EQUIPMENT PADS, SEE MEP DRAWINGS FOR MORE INFORMATION 24 WALL PADDING THIS ROOM. SEE SPEC 11 66 26 FOR INFORMATION
- 25 CASED OPENINGS FOR STAIRS COORDINATE HEIGHT AND WIDTH WITH STAIRS AND SHIPS LADDER, MAINTAIN MIN. OVERHEAD HEAD CLEARANCE. WALL TO
- 26 ALL EXTERIOR WALLS IN THE OUTDOOR COURTYARD TO RECEIVE 1' 0" OF SELF ADHERING WATERPROOF MEMBRANE, SEE BASE OF WALL DETAIL ON A4--. 7 MOP SINK - REFER TO PLUMBING DRAWINGS.
- 28 EXISTING FRAME TO REMAIN. REMOVE DOORS AND PATCH/PAINT FRAME TO
- BECOME CASED OPENING. 29 EXISTING COLUMN TO REMAIN. PROTECT DURING DEMOLITION AND

KEY PLAN





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SCOPE DRAWINGS: These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all equirements of the Contract.
On the basis of the general scope indicated or descri the trade contractors shall furnish all items required for the proper execution and completion of the work.

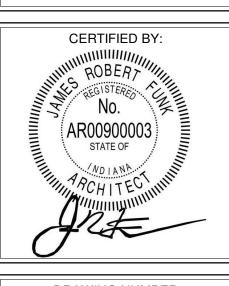
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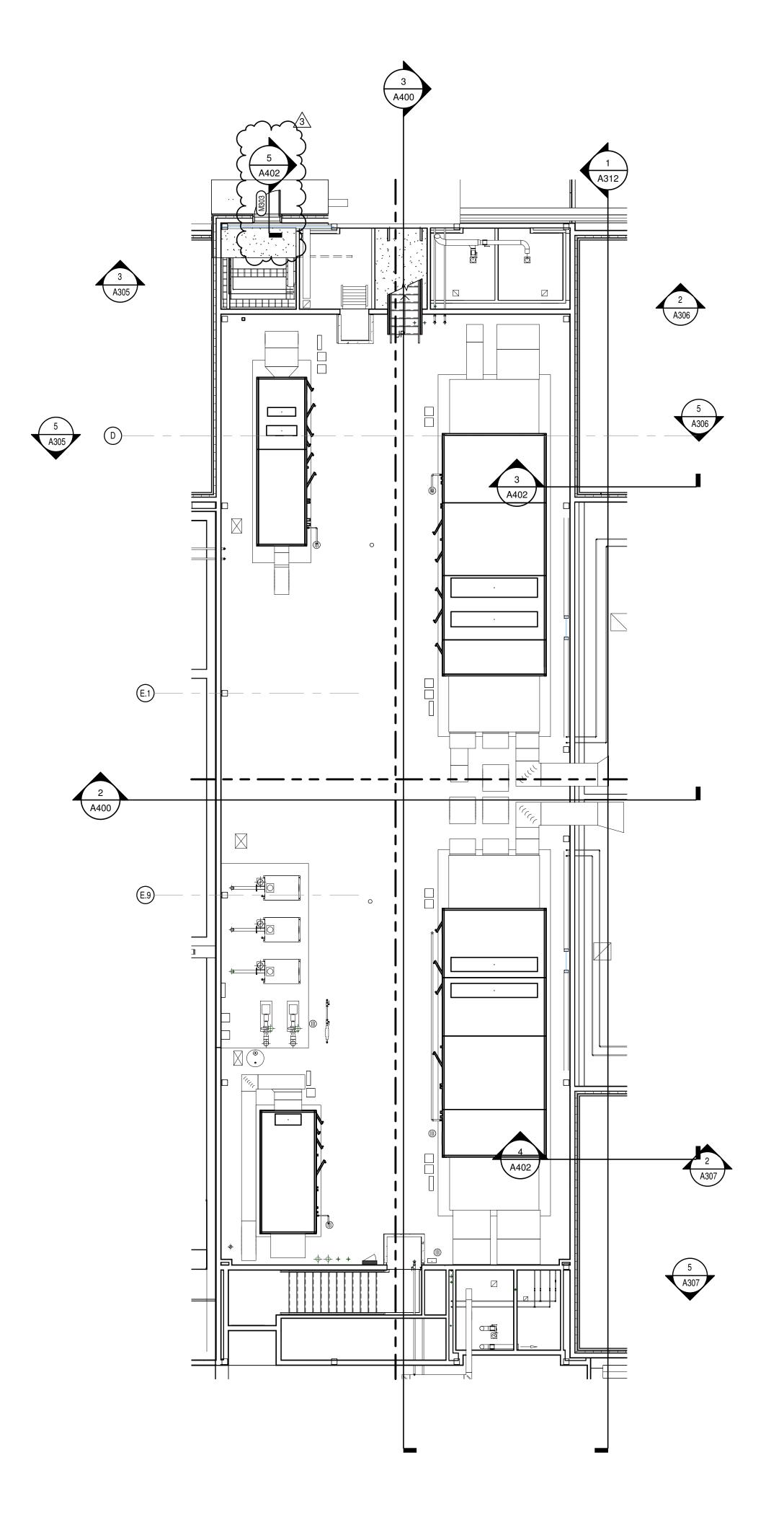
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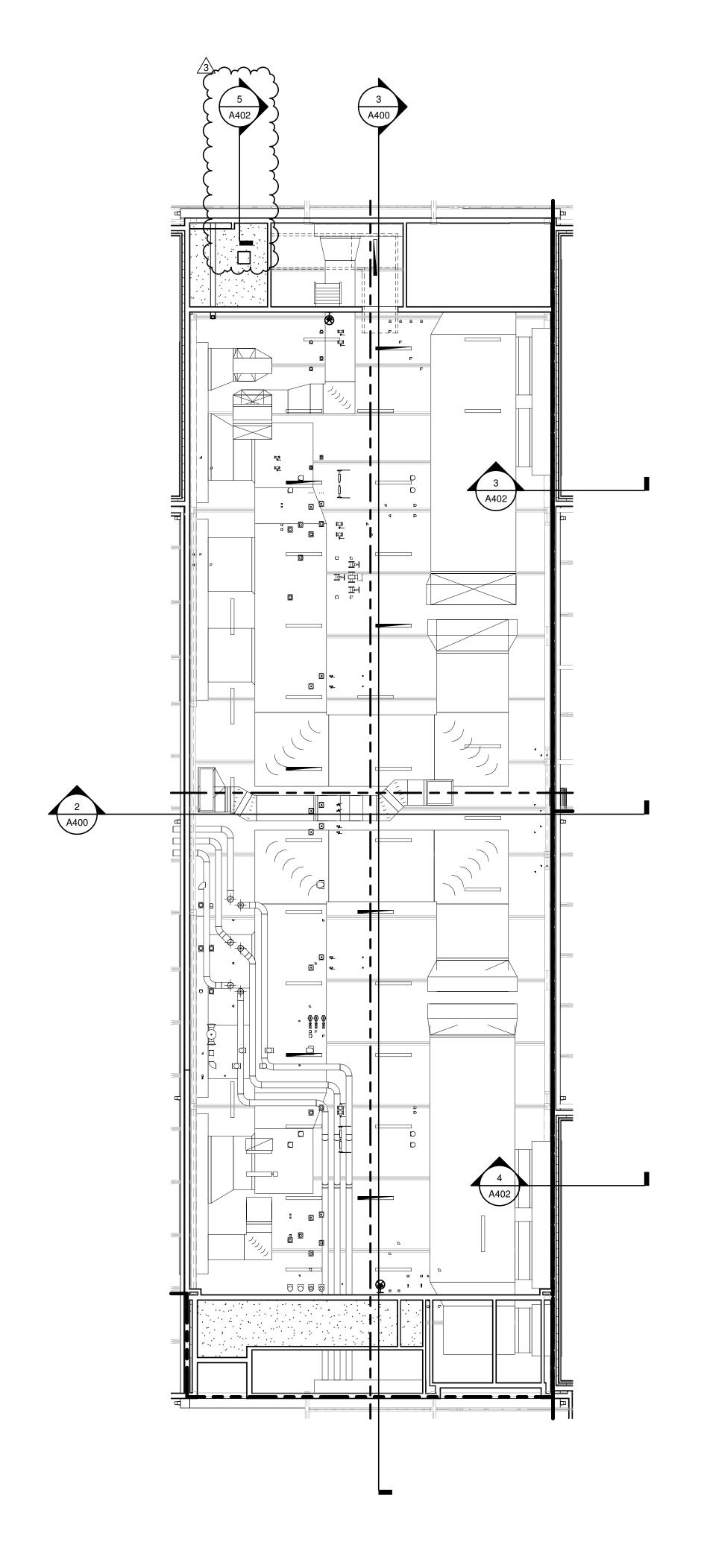
SECOND FLOOR PLAN - UNIT D

DRAWING TITLE:



DRAWING NUMBER A202D PROJECT NUMBER 2021119





1 PENTHOUSE FLOOR PLAN A203 | SCALE: 1/8" = 1'-0"



GENERAL NOTES

COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND

THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.

ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL

WITH INSULATION/ SOUND ATTENUATION.

STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240). WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES

REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO

ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.

THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF

MASONRY WALLS UNLESS NOTED OTHERWISE. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND WINDOW FRAMES IS TO BE 1/4" CLEAR TEMPERED GLASS UNLESS NOTED OTHERWISE. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILNG MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.

ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND

SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE

BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.

WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT. AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING

CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT. CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 0'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

GENERAL REFLECTED **CEILING PLAN NOTES**

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS. AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.

B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES. PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS

PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL, AND PLUMBING DRAWINGS FOR LOCATIONS. D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.

METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO

THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS,

G. ALL EXISTING GYPSUM OR PLASTER CEILINGS AND BULKHEADS TO REMAIN ARE TO BE PAINTED (P9) CEILING BRIGHT WHITE UNLESS

NOTED OTHERWISE (SEE A800 SERIES DRAWINGS). H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

PLAN NOTES

CONSTRUCT COLUMN WRAP/FURRED CAVITY WITH WALLTYPE W3#* ACOUSTIC SEPERATION WALL - PROVIDE ACOUSTICAL SEALANT AT ALL

GALVANIZED POWDER COATED METAL SWING GATES. REFER TO SPECIFICATION 32 31 19 FOR MORE INFORMATION. GATE SHALL BE FULL HEIGHT OF ENCLOSURE. ENSURE GATE POSTS ARE EMBEDDED INTO ENCLOSURE FOUNDATION WALL.

4 ALIGN FINISH FACES.

HIGH ABUSE RESISTANCE GYPSUM BOARD INSTALLED IN THIS ROOM COMPLETE.

6 FIRE EXTINGUISHER AND CABINET SEE EQUIPMENT DRAWINGS. MANUALLY OPERATED COILING COUNTER DOOR. REFER TO SPECS.

8 2" BUILDING EXPANSION JOINT LOCATION 9 ELECTRICALLY OPERATED TELESCOPIC BLEACHERS. SEE EQUIPMENT DRAWINGS AND REFER TO SPECS. 10 ELECTRICALLY OPERATED CEILING HUNG BASKETBALL BACKSTOP. SEE

1 ADA PUSH PAD LOCATION FOR AUTOMATIC DOOR OPENER. 12 WATER COOLER, SEE PLUMBING DRAWINGS.

EQUIPMENT DRAWINGS AND REFER TO SPECS.

13 INFILL WALL OPENING TO MATCH ADJACENT WALL CONSTRUCTION 14 LOOSE EQUIPMENT - DUMPTSTER. 15 ELECTRIC KILN AND VENT. SEE MECHANICAL DRAWINGS AND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.

16 MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS.

17 DEDICATION PLAQUE - BY OWNER.

18 GLASS GUARDRAIL SYSTEM 19 MONITOR. REFER TO TELECOM DRAWINGS.

20 LOOSE EQUIPMENT - VENDING MACHINE. 21 LOOSE EQUIPMENT - COPY MACHINE.

22 PROVIDE EYE HOOK FOR SENSORY SWING IN THIS ROOM, REFER TO TYPICAL STRUCTURAL DETAILS SHEET FOR ADDITIONAL INFORMATION. 23 MECHANICAL EQUIPMENT PADS, SEE MEP DRAWINGS FOR MORE INFORMATION

24 WALL PADDING THIS ROOM. SEE SPEC 11 66 26 FOR INFORMATION 25 CASED OPENINGS FOR STAIRS COORDINATE HEIGHT AND WIDTH WITH STAIF AND SHIPS LADDER, MAINTAIN MIN. OVERHEAD HEAD CLEARANCE. WALL TO EXTEND TO DECK ABOVE.

26 ALL EXTERIOR WALLS IN THE OUTDOOR COURTYARD TO RECEIVE 1' - 0" OF SELF ADHERING WATERPROOF MEMBRANE, SEE BASE OF WALL DETAIL ON A4--.

27 MOP SINK - REFER TO PLUMBING DRAWINGS. 28 EXISTING FRAME TO REMAIN. REMOVE DOORS AND PATCH/PAINT FRAME TO

BECOME CASED OPENING.

29 EXISTING COLUMN TO REMAIN. PROTECT DURING DEMOLITION AND

CONSTRUCTION.



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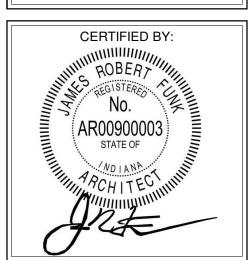
SCOPE DRAWINGS: of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all equirements of the Contract.
On the basis of the general scope indicated or descri proper execution and completion of the work.

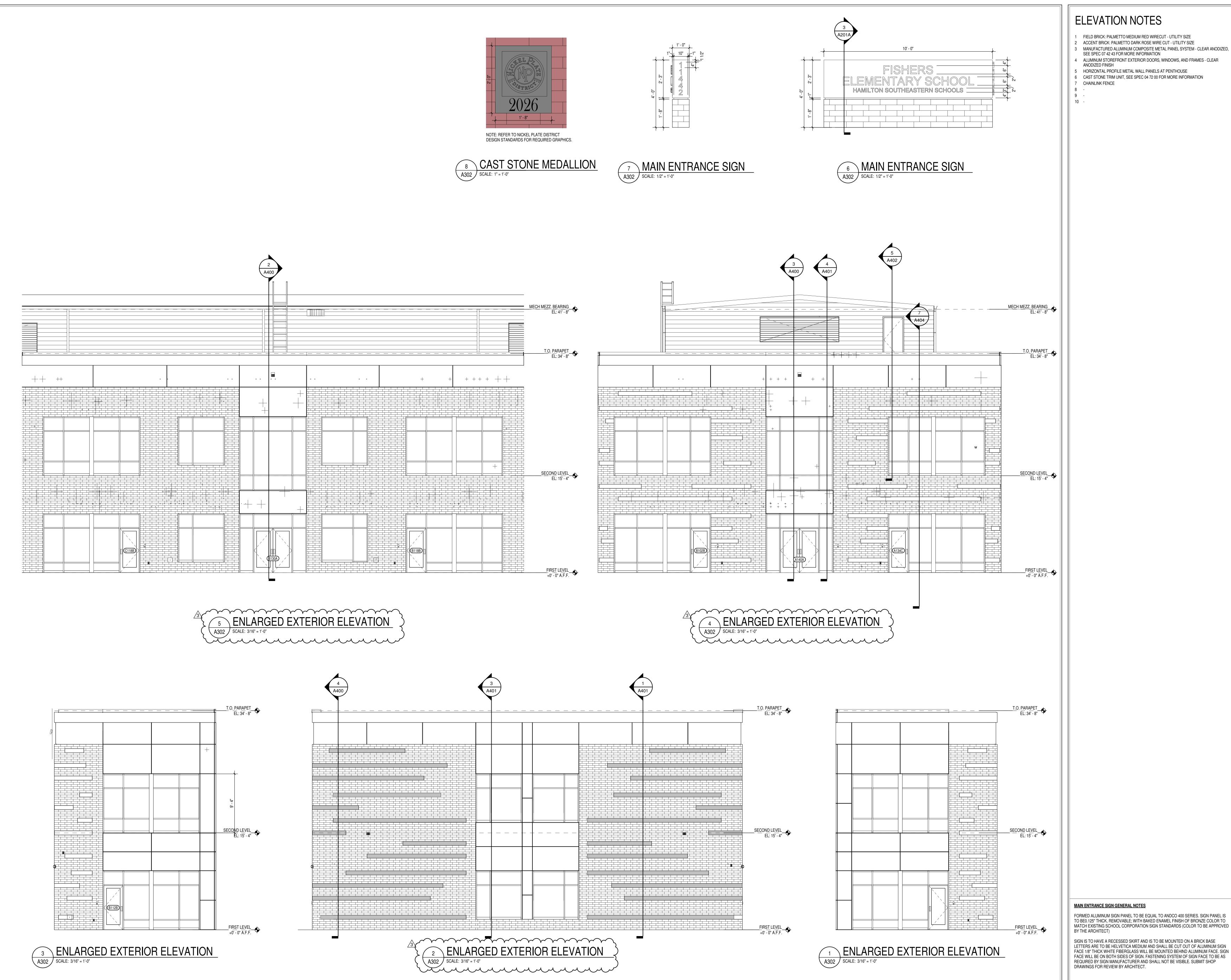
REVISIONS: ADD #3 02/09/2024

ISSUE DATE | DRAWN BY | CHECKED BY 01/15/2024 JNC ECN

DRAWING TITLE:



DRAWING NUMBER



ELEVATION NOTES

- FIELD BRICK: PALMETTO MEDIUM RED WIRECUT UTILITY SIZE ACCENT BRICK: PALMETTO DARK ROSE WIRE CUT - UTILITY SIZE
- MANUFACTURED ALUMINUM COMPOSITE METAL PANEL SYSTEM CLEAR ANODIZED, SEE SPEC 07 42 43 FOR MORE INFORMATION
- ALUMINUM STOREFRONT EXTERIOR DOORS, WINDOWS, AND FRAMES CLEAR
- HORIZONTAL PROFILE METAL WALL PANELS AT PENTHOUSE
- 6 CAST STONE TRIM UNIT, SEE SPEC 04 72 00 FOR MORE INFORMATION

Hamilton
Southeastern
Schools

HAMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 LANTERN RD, FISHERS, IN 46038

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

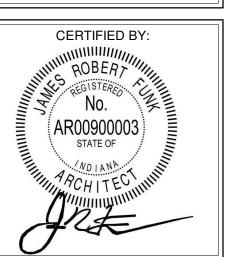
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

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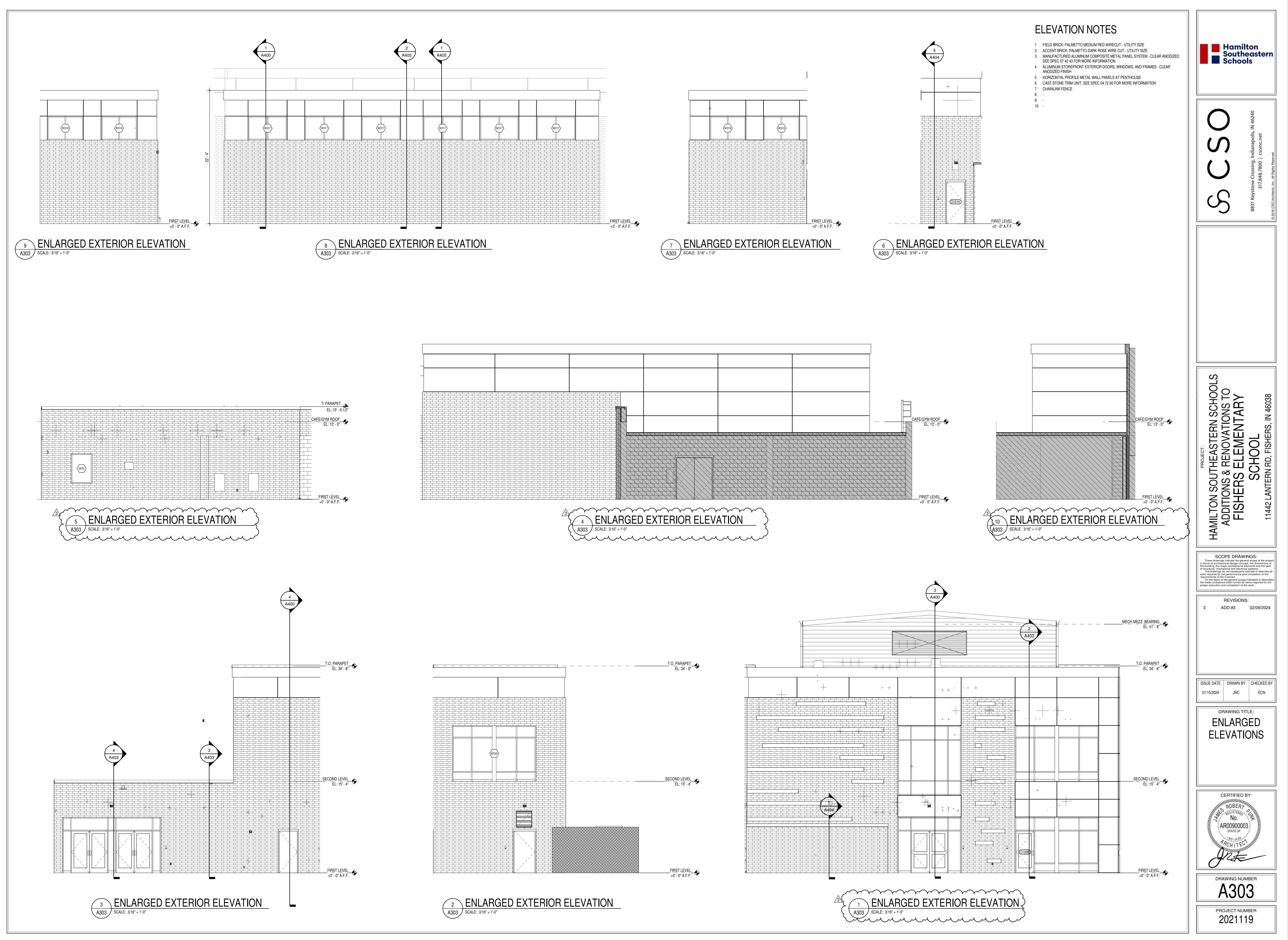
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> DRAWING TITLE: **ENLARGED ELEVATIONS**



DRAWING NUMBER



Hamilton
Southeastern
Schools

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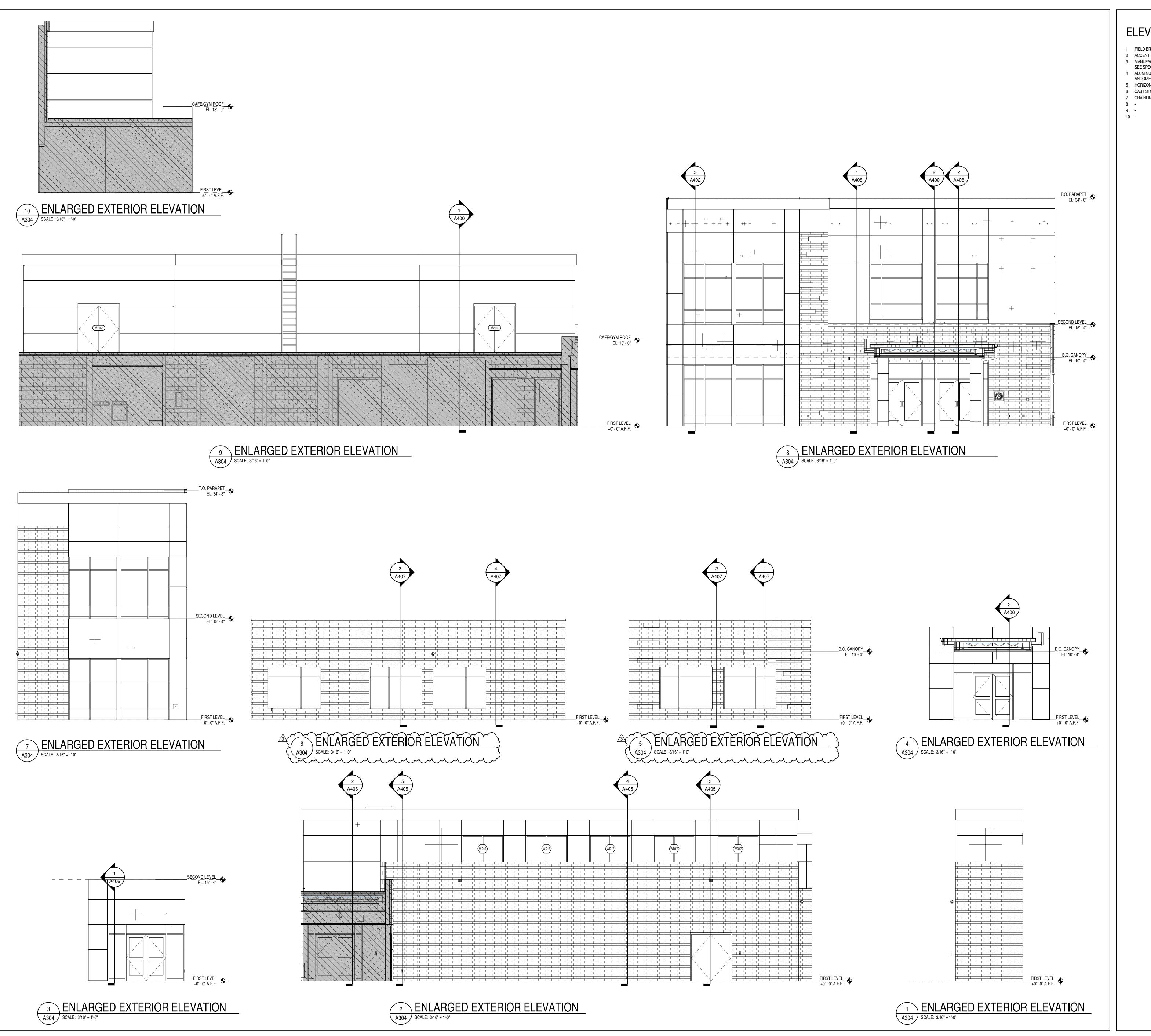
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ISSUE DATE DRAWN BY CHECKED BY 01/15/2024 JNC ECN

DRAWING TITLE: **ENLARGED ELEVATIONS**

CERTIFIED BY: (AR00900003) STATE OF

DRAWING NUMBER A303



ELEVATION NOTES

- 1 FIELD BRICK: PALMETTO MEDIUM RED WIRECUT UTILITY SIZE
- 2 ACCENT BRICK: PALMETTO DARK ROSE WIRE CUT UTILITY SIZE MANUFACTURED ALUMINUM COMPOSITE METAL PANEL SYSTEM - CLEAR ANODIZED, SEE SPEC 07 42 43 FOR MORE INFORMATION
- 4 ALUMINUM STOREFRONT EXTERIOR DOORS, WINDOWS, AND FRAMES CLEAR ANODIZED FINISH
- 5 HORIZONTAL PROFILE METAL WALL PANELS AT PENTHOUSE 6 CAST STONE TRIM UNIT, SEE SPEC 04 72 00 FOR MORE INFORMATION
- 7 CHAINLINK FENCE

Hamilton
Southeastern
Schools

HAMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 LANTERN RD, FISHERS, IN 46038

SCOPE DRAWINGS:

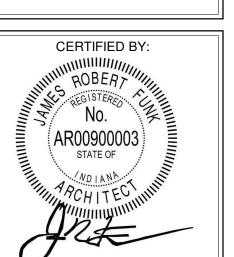
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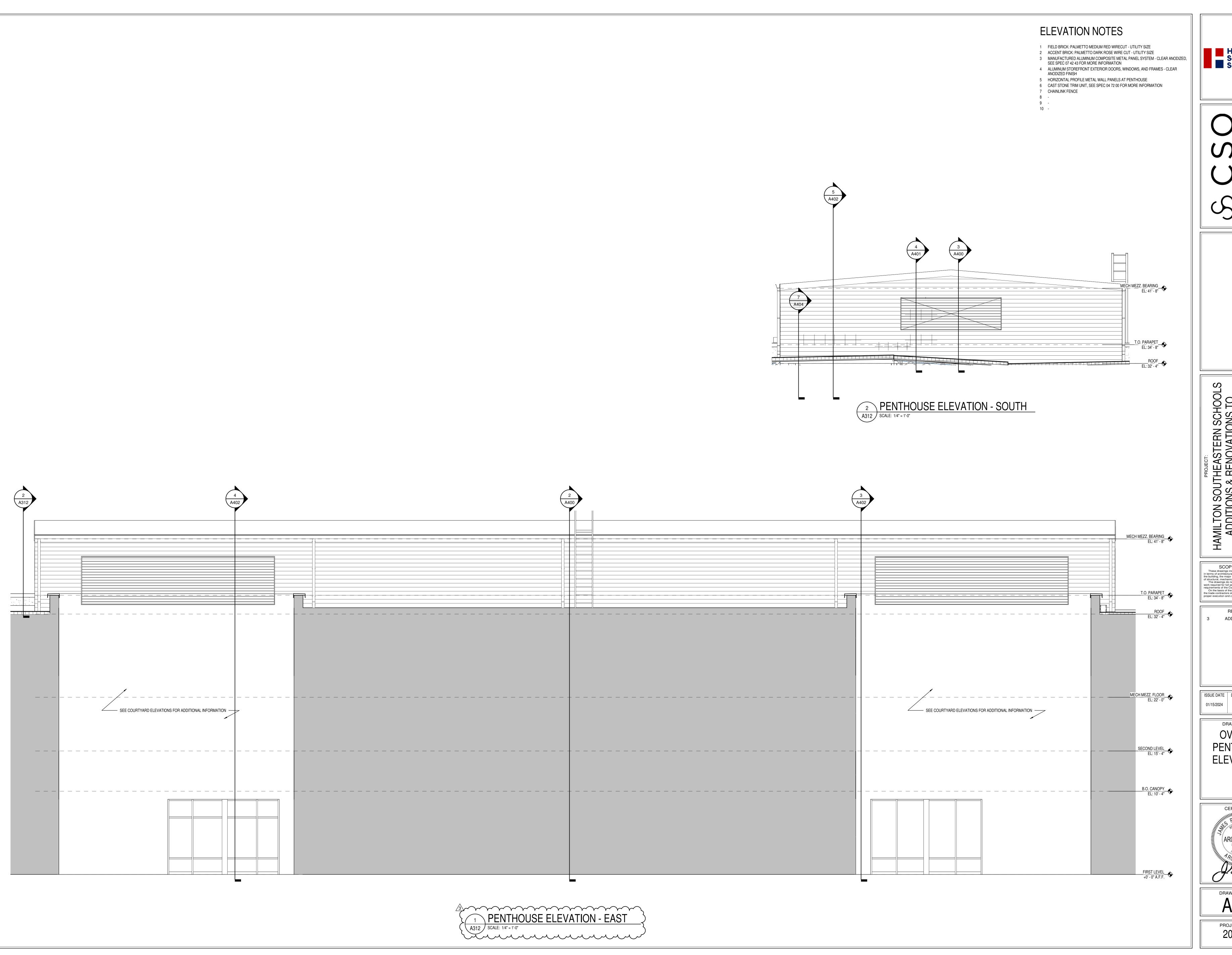
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DRAWING TITLE: **EXTERIOR ELEVATIONS**



DRAWING NUMBER



Hamilton
Southeastern
Schools

S31 Keystone Crossing, Indianapolis, IN 46240

OUTHEASTERN SCHOOLS

IS & RENOVATIONS TO

RS ELEMENTARY

SCHOOL

TERN RD, FISHERS, IN 46038

SCOPE DRAWINGS:

drawings indicate the general scope of the project architectural design concept, the dimensions of the project architectural elements and the type of the contract and electrical systems.

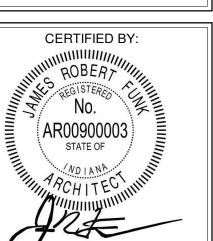
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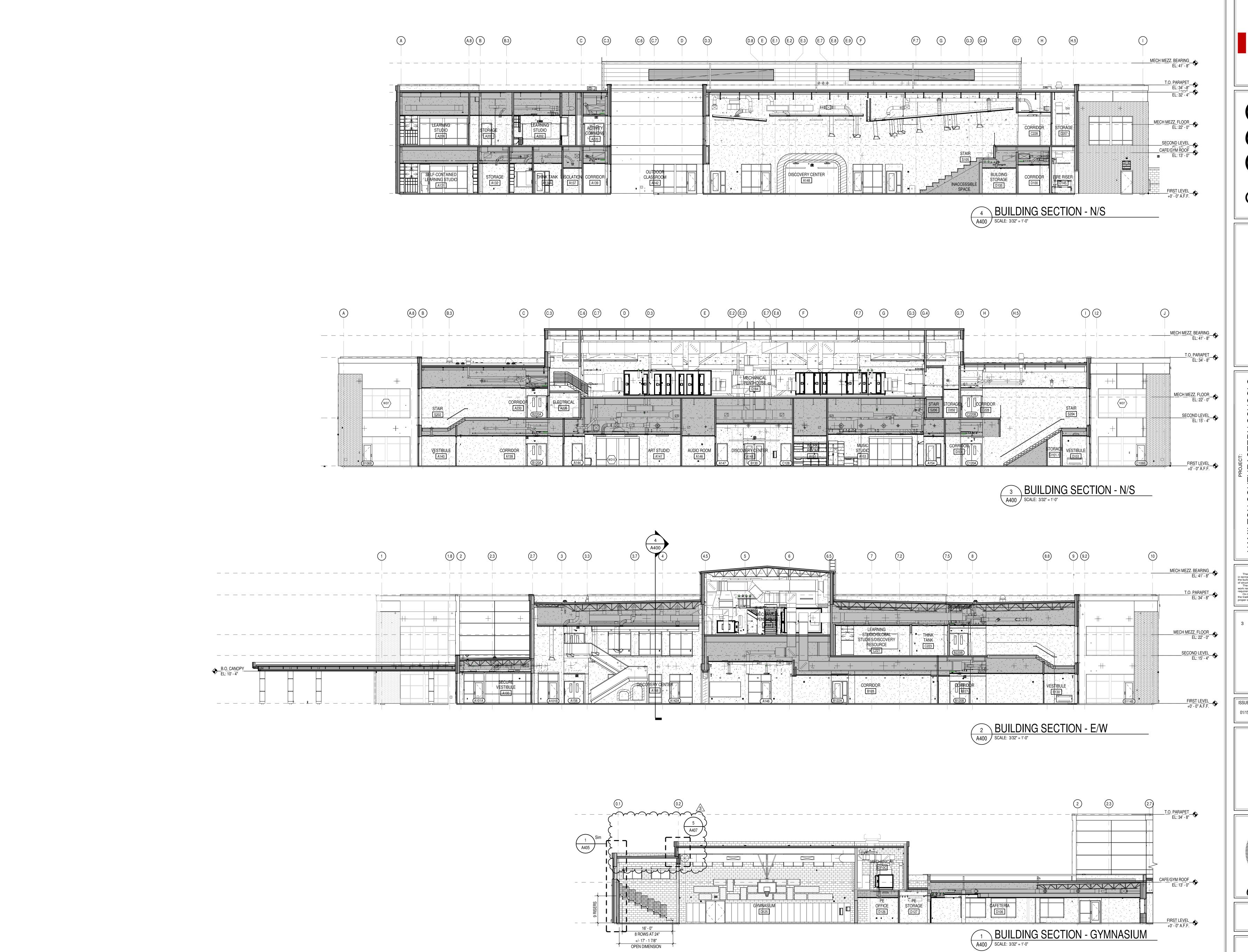
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OVERALL
PENTHOUSE
ELEVATIONS



DRAWING NUMBER
A312



Hamilton Southeastern Schools

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ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 LANTERN RD, FISHERS, IN 46038

SCOPE DRAWINGS:

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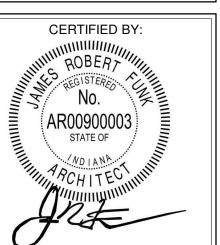
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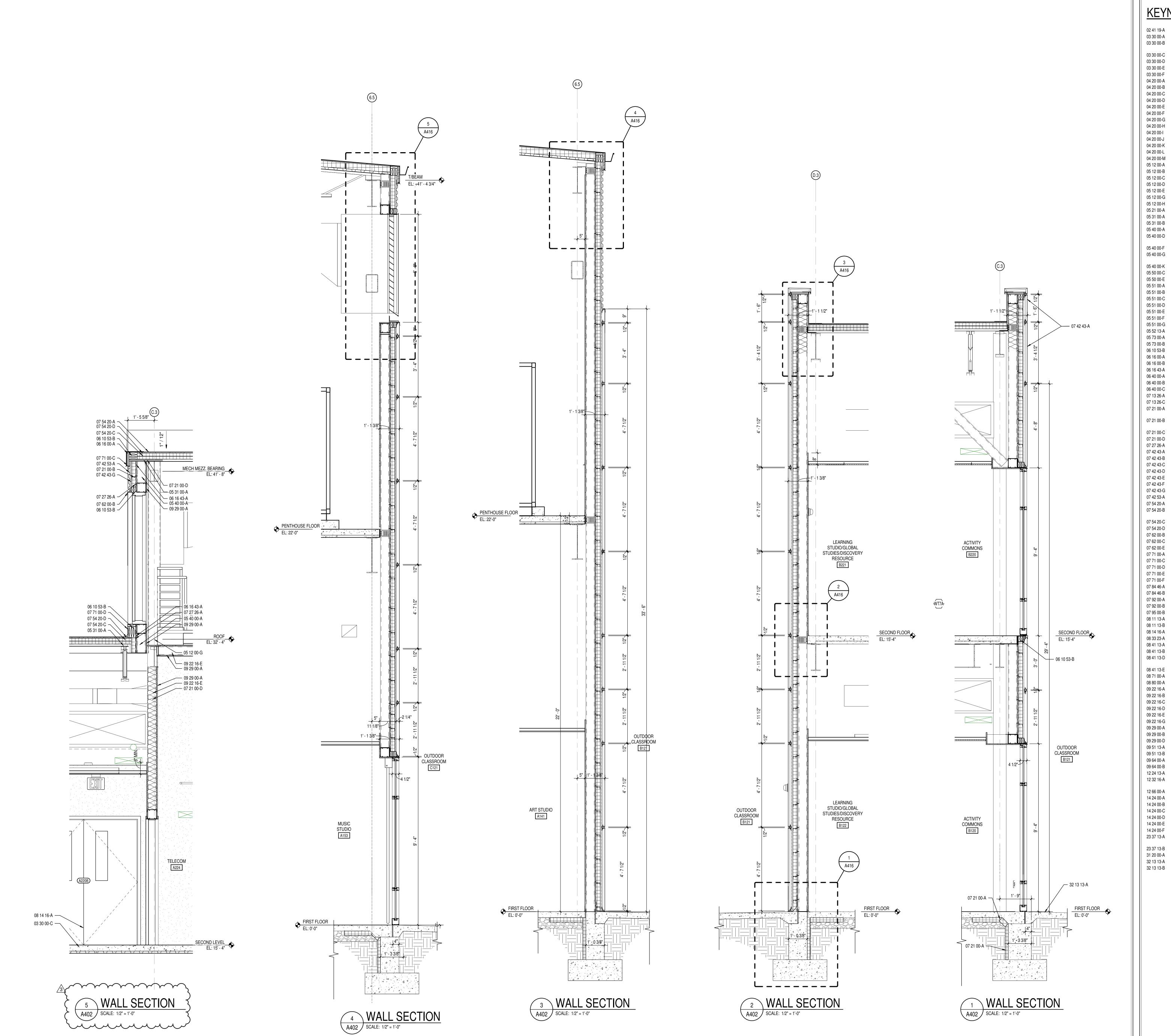
OVERALL BUILDING SECTIONS



A400

PROJECT NUMBER

2021119



SELECTIVE STRUCTURE DEMOLITION 02 41 19-A 03 30 00-A WATERSTOP 03 30 00-B CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE

STRUCTURAL CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL 03 30 00-D CONCRETE FOUNDATION- SEE STRUCTURAL 03 30 00-E CONCRETE FOOTING- SEE STRUCTURAL 1/2" EXPANSION MATERIAL

GROUT CORE SOLID 04 20 00-B JOINT REINFORCEMENT AT 16" O.C. VERTICALLY 04 20 00-C MASONRY TIE ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY 04 20 00-D

04 20 00-E METAL FLASHING THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE 04 20 00-F 04 20 00-G CAVITY CELL VENTS AT 24" O.C.

CAVITY DRAINAGE MATERIAL 04 20 00-H 04 20 00-l BRICK TYPE 1 04 20 00-J BRICK TYPE 2 (ACCENT)

BOND BEAM MASONRY LINTEL 04 20 00-M CAVITY CELL VENTS WITH WEEP HOLES AT 24" O.C. STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL 05 12 00-A STEEL ANGLE- SEE STRUCTURAL 05 12 00-B 05 12 00-C STEEL CHANNEL- SEE STRUCTURAL 05 12 00-D STEEL PLATE- SEE STRUCTURAL

STEEL BENT PLATE- SEE STRUCTURAL

STEEL BEAM- SEE STRUCTURAL 05 12 00-H STEEL COLUMN- SEE STRUCTURAL STEEL JOIST- SEE STRUCTURAL 05 21 00-A 05 31 00-A METAL ROOF DECKING- SEE STRUCTURAL METAL FLOOR DECKING- SEE STRUCTURAL 05 31 00-B 6 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS REQUIRED.

CONCRETE MASONRY UNIT

05 40 00-D 3 5/8 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS 10 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS REQUIRED. 7/8 16 GA. MIN FURRING (HAT) CHANNEL, @ SPACING AS REQ'D BY

05 40 00-G 05 40 00-K CLIP ANGLE GALVANIZED STEEL BRICK LINTEL 05 50 00-C

05 50 00-E PRE-MANUFACTURED ALUMINUM SHIPS LADDER 05 51 00-A STAIR METAL STRINGER-TUBE 05 51 00-B STAIR METAL STRINGER-CHANNEL CONCRETE FILLED METAL PAN TREAD AND RISER 05 51 00-C

CONCRETE FILLED METAL PAN STAIR LANDING 05 51 00-E CLIP ANGLE PAINTED STEEL PIPE AND TUBE GUARDRAILING 05 51 00-F 1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL 05 51 00-G 05 52 13-A 1-1/4" O.D. CLEAR ANODIZED ALUMINUM HANDRAIL STRUCTURAL GLASS RAILING SYSTEM WITH WOOD CAP 05 73 00-A

1-1/4" O.D. CLEAR ANODIZED ALUMINUM HANDRAIL

06 10 53-B WOOD BLOCKING 06 16 00-A 3/4" EXTERIOR GRADE PLYWOOD 06 16 00-B 5/8" EXTERIOR GRADE PLYWOOD 5/8" GLASS-MAT GYPSUM WALL SHEATHING 06 16 43-A 06 40 00-A 3/4" WOOD TRIM

06 40 00-B SOLID PLASTIC SURFACE - 1/2" WINDOW STOOL 06 40 00-C 2X HARDWOOD CAP - STAINED SELF-ADHERING SHEET WATERPROOFING 07 13 26-A 07 13 26-C MOLDED SHEET DRAINAGE PANEL SLAB PERIMETER RIGID INSULATION (R-15 FOR 24" HORIZONTAL. R-10 TO TOP OF FOOTING OR 48" MAX VERTICAL)

3" THERMALLY ISOLATED COMPOSITE Z GIRT SYSTEM (COORDINATE DRIENTATION WITH METAL PANEL SUPPLIER) 3" CAVITY WALL EXTRUDED-POLYSTYRENE BOARD INSULATION (R-16.8) FULL THICKNESS MINERAL WOOL BATT INSULATION FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE COMPOSITE METAL WALL PANEL

COMPOSITE METAL COPING COMPOSITE METAL COLUMN COVER COMPOSITE METAL SOFFIT 07 42 43-D 07 42 43-E BASE FLASHING

BRAKE METAL TRIM / FLASHING TO MATCH COMPOSITE METAL PANEL 07 42 43-F METAL HAT CHANNEL (16 GA. MIN.) - SEE SECTIONS FOR DEPTH PROFILE METAL WALL PANEL (SEE ELEVATIONS FOR PROFILE) INDUCTION WELDED POLYVINYL-CHLORIDE (PVC) ROOFING MEMBRANE ROOFING - EXTEND OVER AND ATTACH TO FRONT FACE OF 07 54 20-B

2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26) 1/2" COVER BOARD 07 54 20-D 07 62 00-B WALL FLASHING 07 62 00-C ROOF EXPANSION JOINT METAL COVER BRAKE METAL THROUGH WALL FLASHING, W/ DRIP EDGE MANUFACTURED COPING

MANUFACTURED FASCIA CLADDING, WITH DRIP EDGE 07 71 00-D MANUFACTURED COUNTERFLASHING SYSTEM 07 71 00-E MANUFACTURED GUTTER 07 71 00-F MANUFACTURED DOWNSPOUT 07 84 46-A FIRE-RESISTANT JOINT SYSTEMS MINERAL WOOL FIRESTOPPING INSULATION BACKER ROD AND SEALANT

SEALANT EACH SIDE, TYPICAL 07 92 00-B WALL EXPANSION JOINT COVER 07 95 00-B HOLLOW METAL DOOR/BORROWED LIGHT FRAME 08 11 13-A 08 11 13-B HOLLOW METAL DOOR FLUSH WOOD DOOR

08 33 23-A OVERHEAD COILING DOOR ALUMINUM-FRAMED STOREFRONT 08 41 13-A 08 41 13-B WIDE STYLE ALUMINUM ENTRANCE DOOR EXTRUDED ALUMINUM SILL BY ALUMINUM STOREFRONT MANUFACTURER

WRAPPING 1/2" PLYWOOD ALUMINUM BRAKE METAL TO MATCH ALUMINUM STOREFRONT FRAME 08 71 00-A ALUMINUM THRESHOLD 08 80 00-A GLAZING - SEE SCHEDULE/ELEVATIONS 09 22 16-A STUD RUNNER TRACK 7/8" FURRING CHANNEL

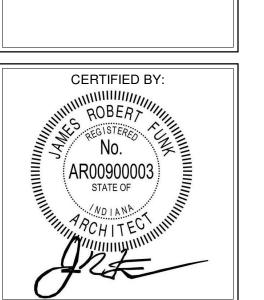
09 22 16-C 2 1/2" STEEL STUD 3 5/8" STEEL STUD 09 22 16-D 09 22 16-E 6" STEEL STUD 09 22 16-G 10" STEEL STUD 5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE) 09 29 00-B SOUND ATTENUATION INSULATION EXTRUDED ALUMINUM 1/2" Z-REVEAL

ACOUSTICAL CEILING SUSPENSION ASSEMBLY 09 51 13-B DECORATIVE ACOUSTICAL CEILING EDGE TRIM 09 64 00-A 1 X 6 TONGUE AND GROOVE HARDWOOD FLOORING 09 64 00-B HARDWOOD STAIR NOSING ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE PLASTIC LAMINATE INSTITUTIONAL CASEWORK- SEE EQUIPMENT

TELESCOPING STAND SEATING- SEE EQUIPMENT SCHEDULE 14 24 00-A HYDRAULIC ELEVATORS ELEVATOR DOOR AND FRAME 14 24 00-B 14 24 00-C **ELEVATOR SILL** 14 24 00-D ELEVATOR SILL SUPPORT BY ELEVATOR MANUFACTURER

14 24 00-E PIT LADDER 14 24 00-F ELEVATOR HOIST BEAM PRE-FINISHED ALUMINUM FIXED LOUVER (CUSTOM COLOR TO MATCH 23 37 13-A ADJACNET FINISH) FLASHING / DRIP EDGE

FINISH GRADE- SEE CIVIL SHEETS 32 13 13-A SIDEWALK- SEE CIVIL SHEETS CONCRETE PAVING- SEE CIVIL SHEETS



DRAWING NUMBER A402

PROJECT NUMBER 2021119

Hamilton Southeastern Schools

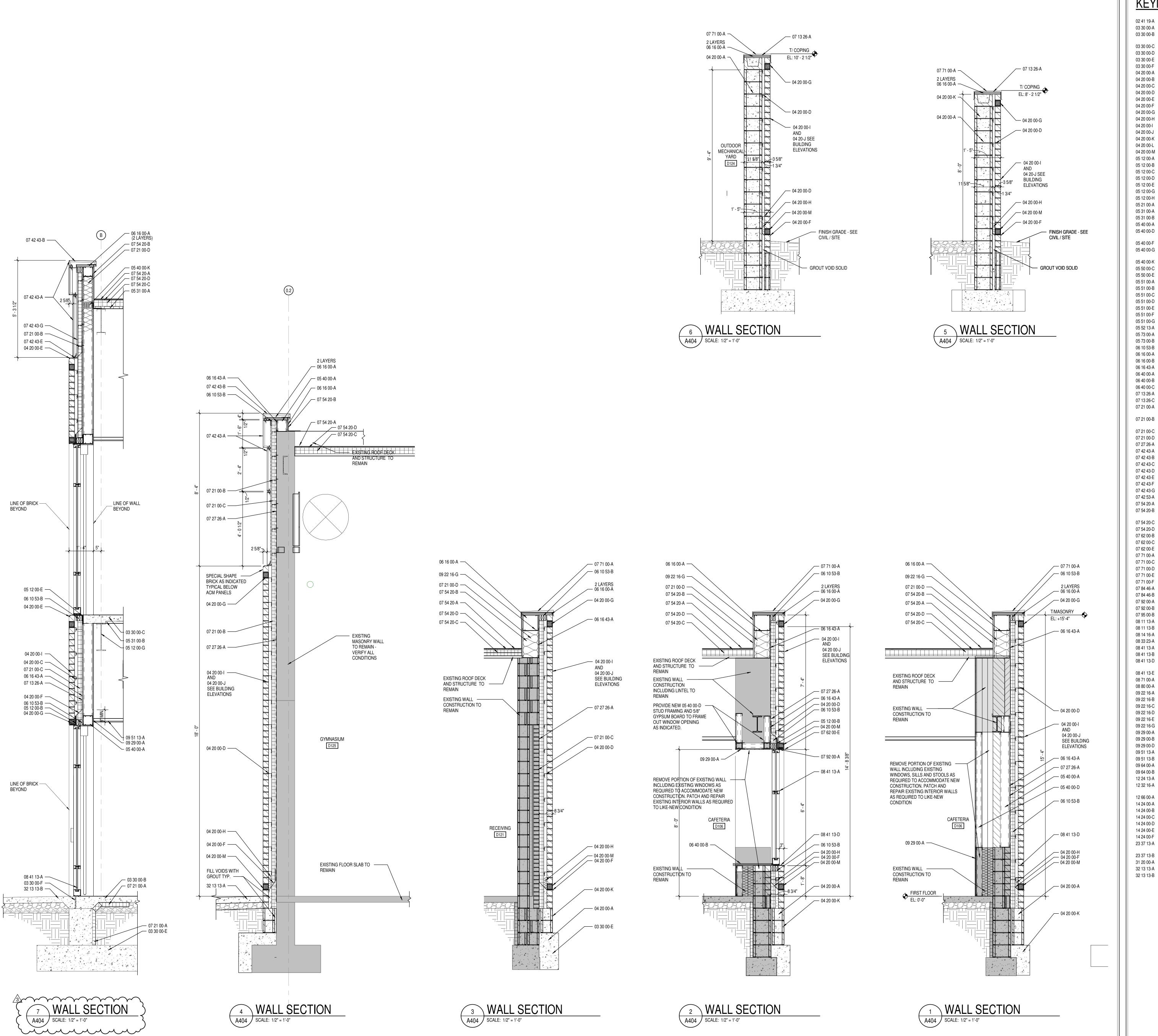
SCOPE DRAWINGS: the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ADD #3 02/09/2024

ISSUE DATE | DRAWN BY | CHECKED BY 01/15/2024 LTR ECN

DRAWING TITLE:



SELECTIVE STRUCTURE DEMOLITION 03 30 00-A WATERSTOP 03 30 00-B CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL 03 30 00-C CONCRETE FOUNDATION- SEE STRUCTURAL 03 30 00-E

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SCOPE DRAWINGS:

On the basis of the general scope indicated or descri

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CONCRETE FOOTING- SEE STRUCTURAL 03 30 00-F 1/2" EXPANSION MATERIAL 04 20 00-A GROUT CORE SOLID

04 20 00-B JOINT REINFORCEMENT AT 16" O.C. VERTICALLY 04 20 00-C MASONRY TIE ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY 04 20 00-D 04 20 00-E METAL FLASHING

04 20 00-F THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE 04 20 00-G CAVITY CELL VENTS AT 24" O.C. CAVITY DRAINAGE MATERIAL 04 20 00-H

BRICK TYPE 1 04 20 00-l BRICK TYPE 2 (ACCENT) 04 20 00-J 04 20 00-K CONCRETE MASONRY UNIT BOND BEAM MASONRY LINTEL 04 20 00-L CAVITY CELL VENTS WITH WEEP HOLES AT 24" O.C. 04 20 00-M

STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL

STEEL ANGLE- SEE STRUCTURAL 05 12 00-B 05 12 00-C STEEL CHANNEL- SEE STRUCTURAL 05 12 00-D STEEL PLATE- SEE STRUCTURAL STEEL BENT PLATE- SEE STRUCTURAL 05 12 00-E 05 12 00-G STEEL BEAM- SEE STRUCTURAL 05 12 00-H STEEL COLUMN- SEE STRUCTURAL

STEEL JOIST- SEE STRUCTURAL

05 31 00-A METAL ROOF DECKING- SEE STRUCTURAL METAL FLOOR DECKING- SEE STRUCTURAL 05 31 00-B 6 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS REQUIRED. 05 40 00-D 3 5/8 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS 10 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS REQUIRED. 05 40 00-F

05 40 00-G 7/8 16 GA. MIN FURRING (HAT) CHANNEL, @ SPACING AS REQ'D BY CLIP ANGLE 05 40 00-K

CONCRETE FILLED METAL PAN TREAD AND RISER

CONCRETE FILLED METAL PAN STAIR LANDING

GALVANIZED STEEL BRICK LINTEL PRE-MANUFACTURED ALUMINUM SHIPS LADDER STAIR METAL STRINGER-TUBE 05 51 00-A 05 51 00-B STAIR METAL STRINGER-CHANNEL

05 51 00-E CLIP ANGLE PAINTED STEEL PIPE AND TUBE GUARDRAILING 1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL 1-1/4" O.D. CLEAR ANODIZED ALUMINUM HANDRAIL STRUCTURAL GLASS RAILING SYSTEM WITH WOOD CAP 1-1/4" O.D. CLEAR ANODIZED ALUMINUM HANDRAIL 05 73 00-B

3/4" EXTERIOR GRADE PLYWOOD 06 16 00-A 06 16 00-B 5/8" EXTERIOR GRADE PLYWOOD 5/8" GLASS-MAT GYPSUM WALL SHEATHING 06 16 43-A 06 40 00-A 3/4" WOOD TRIM 06 40 00-B SOLID PLASTIC SURFACE - 1/2" WINDOW STOOL

WOOD BLOCKING

06 40 00-C 2X HARDWOOD CAP - STAINED 07 13 26-A SELF-ADHERING SHEET WATERPROOFING MOLDED SHEET DRAINAGE PANEL SLAB PERIMETER RIGID INSULATION (R-15 FOR 24" HORIZONTAL. R-10 TO

TOP OF FOOTING OR 48" MAX VERTICAL) 3" THERMALLY ISOLATED COMPOSITE Z GIRT SYSTEM (COORDINATE ORIENTATION WITH METAL PANEL SUPPLIER) 3" CAVITY WALL EXTRUDED-POLYSTYRENE BOARD INSULATION (R-16.8) FULL THICKNESS MINERAL WOOL BATT INSULATION 07 21 00-D

FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE 07 27 26-A COMPOSITE METAL WALL PANEL COMPOSITE METAL COPING COMPOSITE METAL COLUMN COVER

COMPOSITE METAL SOFFIT 07 42 43-D 07 42 43-E BASE FLASHING BRAKE METAL TRIM / FLASHING TO MATCH COMPOSITE METAL PANEL METAL HAT CHANNEL (16 GA. MIN.) - SEE SECTIONS FOR DEPTH

PROFILE METAL WALL PANEL (SEE ELEVATIONS FOR PROFILE) 07 42 53-A 07 54 20-A INDUCTION WELDED POLYVINYL-CHLORIDE (PVC) ROOFING MEMBRANE ROOFING - EXTEND OVER AND ATTACH TO FRONT FACE OF 07 54 20-B

2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26) 07 54 20-D 1/2" COVER BOARD WALL FLASHING 07 62 00-B ROOF EXPANSION JOINT METAL COVER

BRAKE METAL THROUGH WALL FLASHING, W/ DRIP EDGE MANUFACTURED COPING MANUFACTURED FASCIA CLADDING, WITH DRIP EDGE 07 71 00-D MANUFACTURED COUNTERFLASHING SYSTEM MANUFACTURED GUTTER

MANUFACTURED DOWNSPOUT 07 84 46-A FIRE-RESISTANT JOINT SYSTEMS 07 84 46-B MINERAL WOOL FIRESTOPPING INSULATION 07 92 00-A BACKER ROD AND SEALANT 07 92 00-B SEALANT EACH SIDE, TYPICAL

WALL EXPANSION JOINT COVER 07 95 00-B HOLLOW METAL DOOR/BORROWED LIGHT FRAME 08 11 13-A HOLLOW METAL DOOR FLUSH WOOD DOOR 08 14 16-A

OVERHEAD COILING DOOR 08 33 23-A ALUMINUM-FRAMED STOREFRONT WIDE STYLE ALUMINUM ENTRANCE DOOR 08 41 13-B EXTRUDED ALUMINUM SILL BY ALUMINUM STOREFRONT MANUFACTURER

WRAPPING 1/2" PLYWOOD ALUMINUM BRAKE METAL TO MATCH ALUMINUM STOREFRONT FRAME 08 71 00-A ALUMINUM THRESHOLD 08 80 00-A GLAZING - SEE SCHEDULE/ELEVATIONS

09 22 16-A STUD RUNNER TRACK 09 22 16-B 7/8" FURRING CHANNEL 09 22 16-C 2 1/2" STEEL STUD 09 22 16-D 3 5/8" STEEL STUD

09 22 16-E 6" STEEL STUD 09 22 16-G 10" STEEL STUD 5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE) 09 29 00-A

SOUND ATTENUATION INSULATION 09 29 00-B EXTRUDED ALUMINUM 1/2" Z-REVEAL ACOUSTICAL CEILING SUSPENSION ASSEMBLY 09 51 13-A DECORATIVE ACOUSTICAL CEILING EDGE TRIM

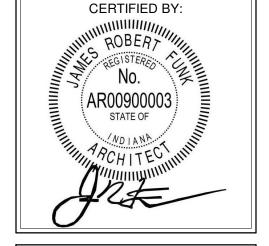
1 X 6 TONGUE AND GROOVE HARDWOOD FLOORING 09 64 00-A 09 64 00-B HARDWOOD STAIR NOSING 12 24 13-A ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE 12 32 16-A PLASTIC LAMINATE INSTITUTIONAL CASEWORK- SEE EQUIPMENT SCHEDULE

12 66 00-A TELESCOPING STAND SEATING- SEE EQUIPMENT SCHEDULE 14 24 00-A HYDRAULIC ELEVATORS 14 24 00-B ELEVATOR DOOR AND FRAME 14 24 00-C **ELEVATOR SILL** ELEVATOR SILL SUPPORT BY ELEVATOR MANUFACTURER 14 24 00-D

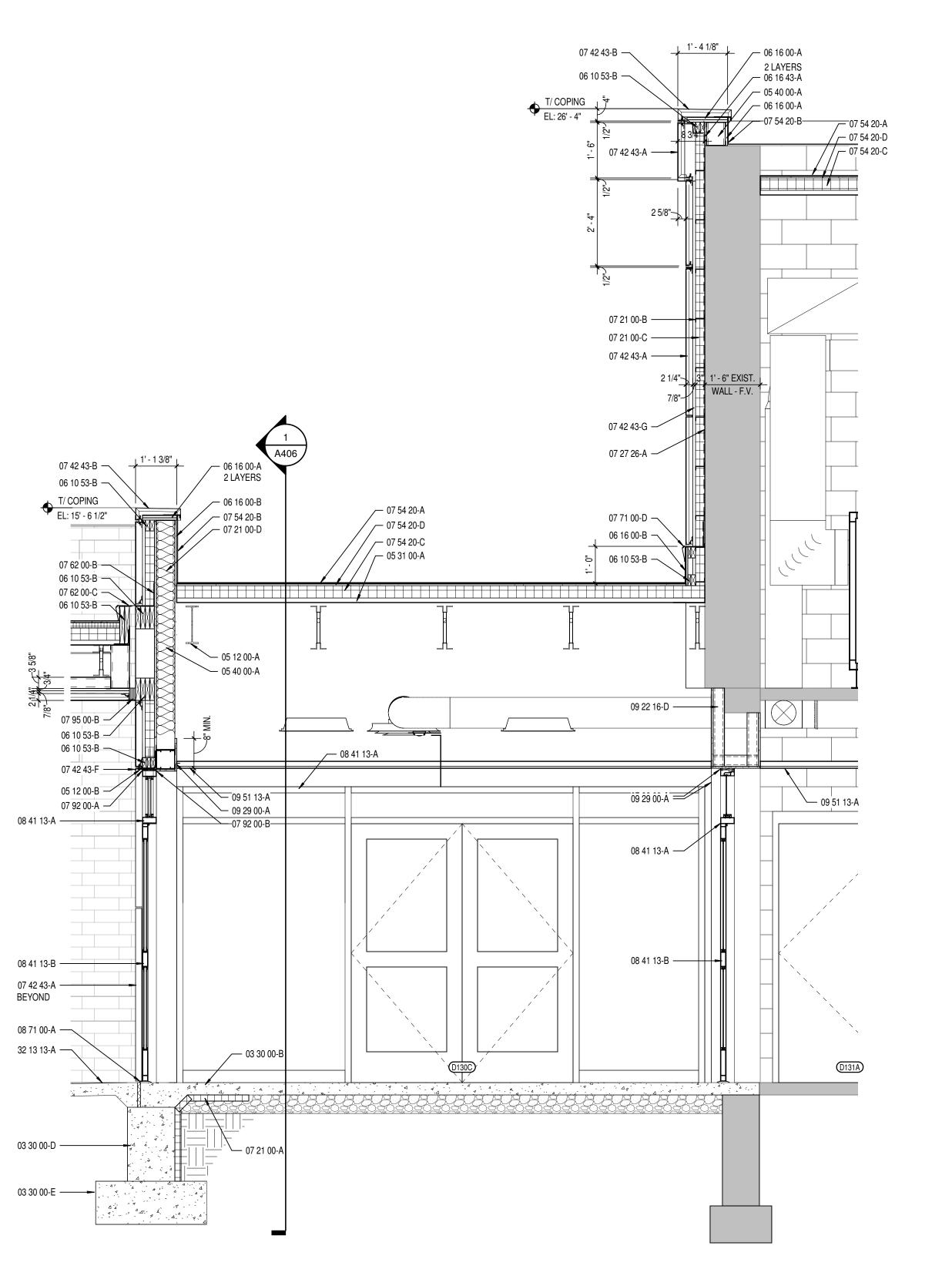
14 24 00-E PIT LADDER 14 24 00-F ELEVATOR HOIST BEAM PRE-FINISHED ALUMINUM FIXED LOUVER (CUSTOM COLOR TO MATCH

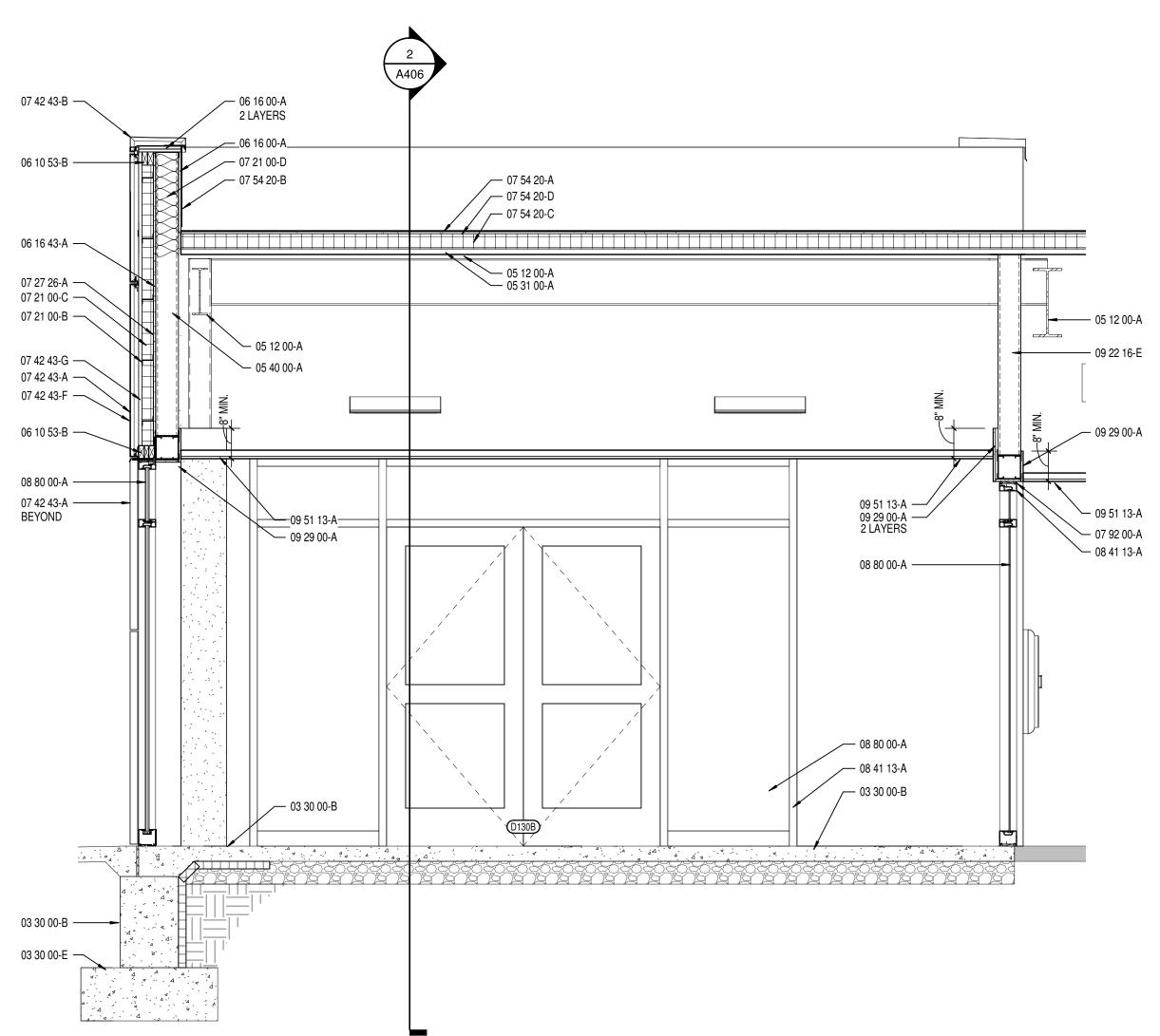
23 37 13-A ADJACNET FINISH) FLASHING / DRIP EDGE FINISH GRADE- SEE CIVIL SHEETS

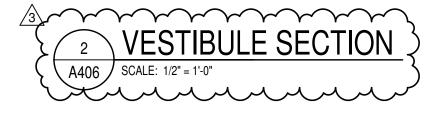
32 13 13-A SIDEWALK- SEE CIVIL SHEETS 32 13 13-B CONCRETE PAVING- SEE CIVIL SHEETS



DRAWING NUMBER A404









04 20 00-K

SELECTIVE STRUCTURE DEMOLITION 02 41 19-A 03 30 00-A WATERSTOP 03 30 00-B CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE

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SCOPE DRAWINGS:

REVISIONS:

DRAWING TITLE:

ADD #3 02/09/2024

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STRUCTURAL CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL CONCRETE FOUNDATION- SEE STRUCTURAL

CONCRETE FOOTING- SEE STRUCTURAL 03 30 00-E 03 30 00-F 1/2" EXPANSION MATERIAL 04 20 00-A GROUT CORE SOLID

JOINT REINFORCEMENT AT 16" O.C. VERTICALLY 04 20 00-B 04 20 00-C MASONRY TIE 04 20 00-D ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY 04 20 00-E METAL FLASHING

THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE 04 20 00-F CAVITY CELL VENTS AT 24" O.C. 04 20 00-G 04 20 00-H

CONCRETE MASONRY UNIT

CAVITY DRAINAGE MATERIAL 04 20 00-l BRICK TYPE 1 04 20 00-J BRICK TYPE 2 (ACCENT)

BOND BEAM MASONRY LINTEL 04 20 00-L CAVITY CELL VENTS WITH WEEP HOLES AT 24" O.C. STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL STEEL ANGLE- SEE STRUCTURAL STEEL CHANNEL- SEE STRUCTURAL

05 40 00-G

05 40 00-K CLIP ANGLE 05 50 00-C GALVANIZED STEEL BRICK LINTEL 05 50 00-E

05 51 00-C CONCRETE FILLED METAL PAN TREAD AND RISER 05 51 00-D CONCRETE FILLED METAL PAN STAIR LANDING 05 51 00-E CLIP ANGLE 05 51 00-F PAINTED STEEL PIPE AND TUBE GUARDRAILING

5/8" EXTERIOR GRADE PLYWOOD 06 16 00-B 06 16 43-A 06 40 00-A 3/4" WOOD TRIM

2X HARDWOOD CAP - STAINED 06 40 00-C SELF-ADHERING SHEET WATERPROOFING 07 13 26-A 07 13 26-C MOLDED SHEET DRAINAGE PANEL 07 21 00-A

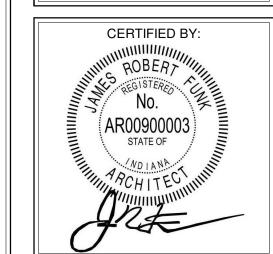
TOP OF FOOTING OR 48" MAX VERTICAL) ORIENTATION WITH METAL PANEL SUPPLIER)

SCHEDULE TELESCOPING STAND SEATING- SEE EQUIPMENT SCHEDULE 14 24 00-A HYDRAULIC ELEVATORS ELEVATOR DOOR AND FRAME 14 24 00-B

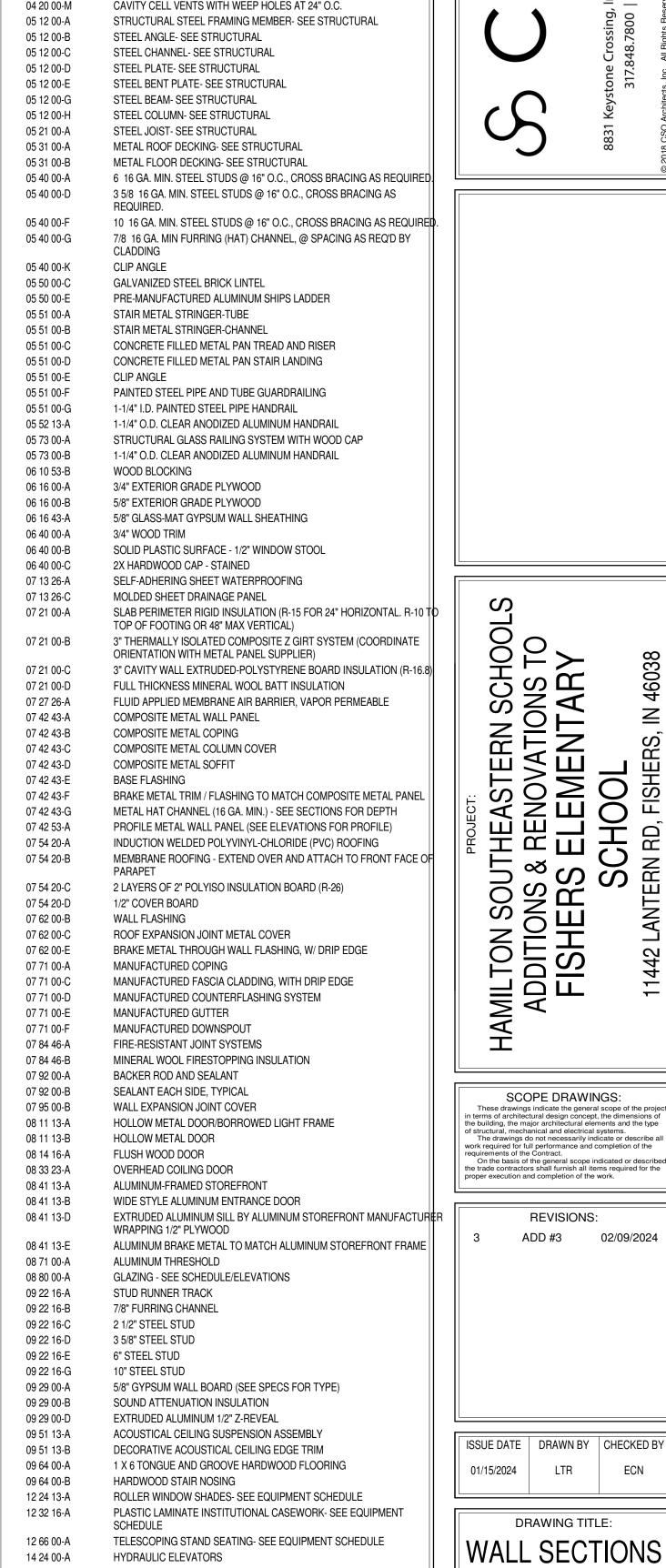
14 24 00-C **ELEVATOR SILL** 14 24 00-D ELEVATOR SILL SUPPORT BY ELEVATOR MANUFACTURER 14 24 00-E PIT LADDER ELEVATOR HOIST BEAM 14 24 00-F

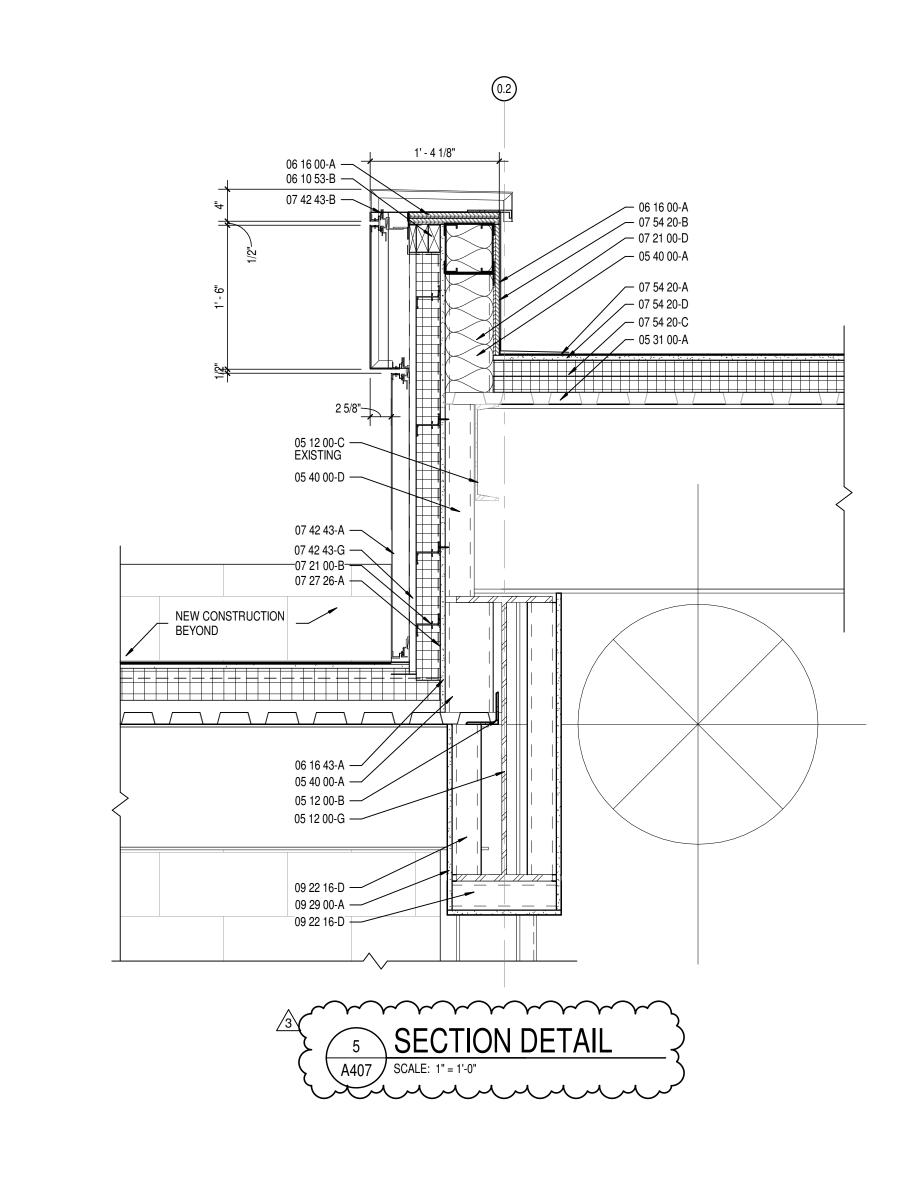
23 37 13-A PRE-FINISHED ALUMINUM FIXED LOUVER (CUSTOM COLOR TO MATCH ADJACNET FINISH)

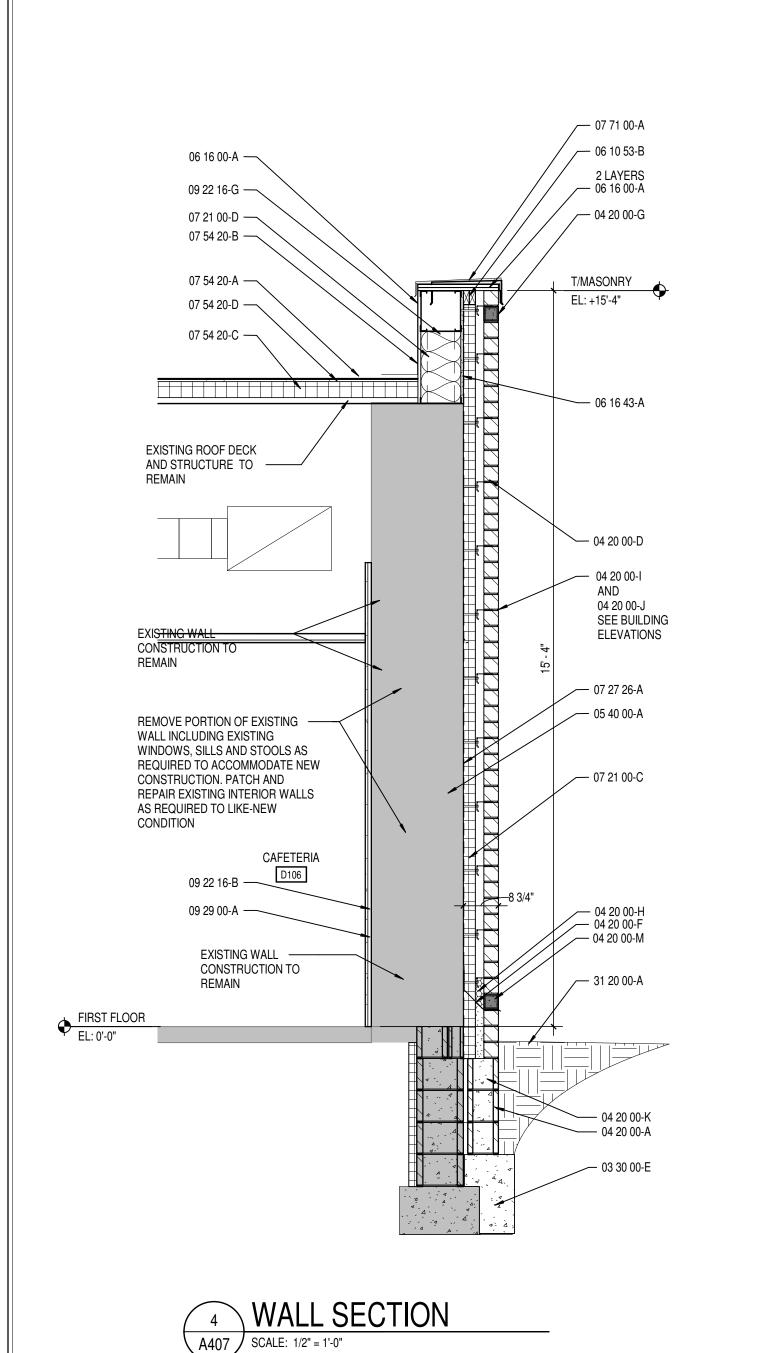
FLASHING / DRIP EDGE 31 20 00-A FINISH GRADE- SEE CIVIL SHEETS 32 13 13-A SIDEWALK- SEE CIVIL SHEETS 32 13 13-B CONCRETE PAVING- SEE CIVIL SHEETS

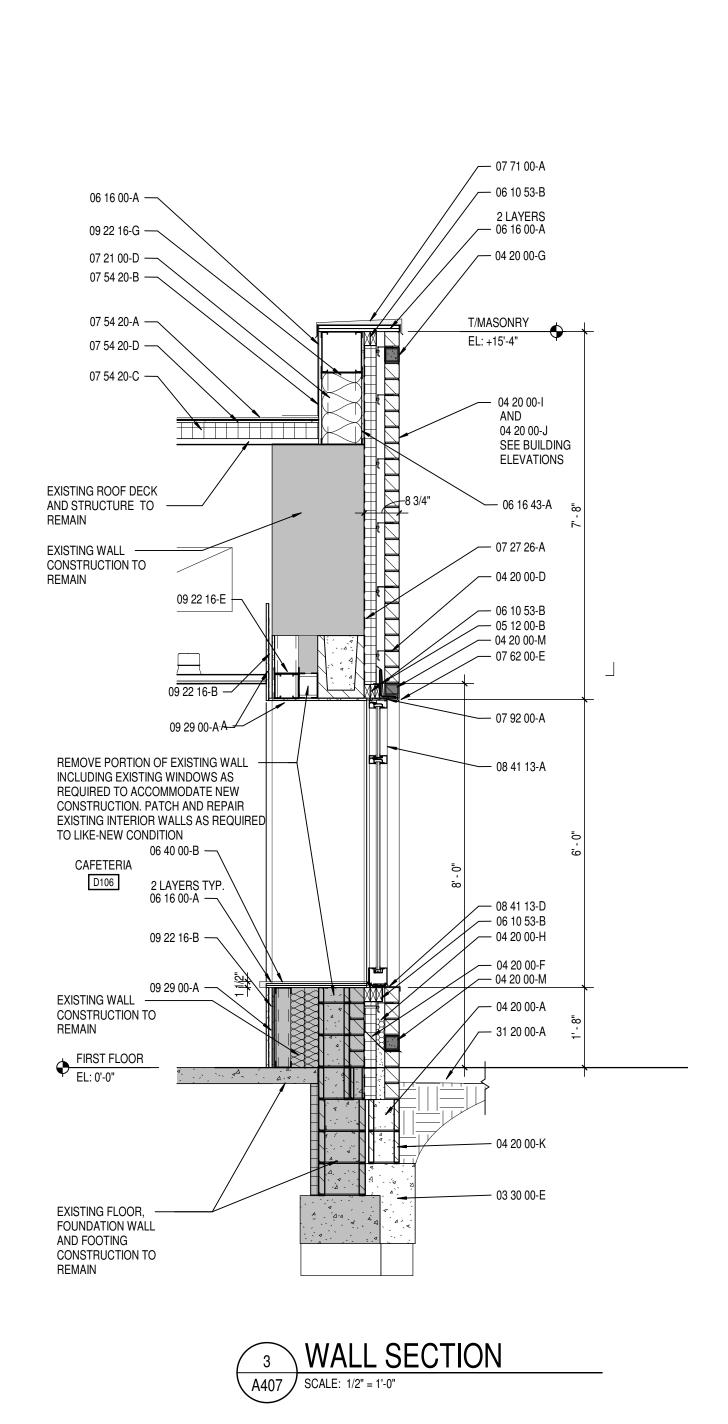


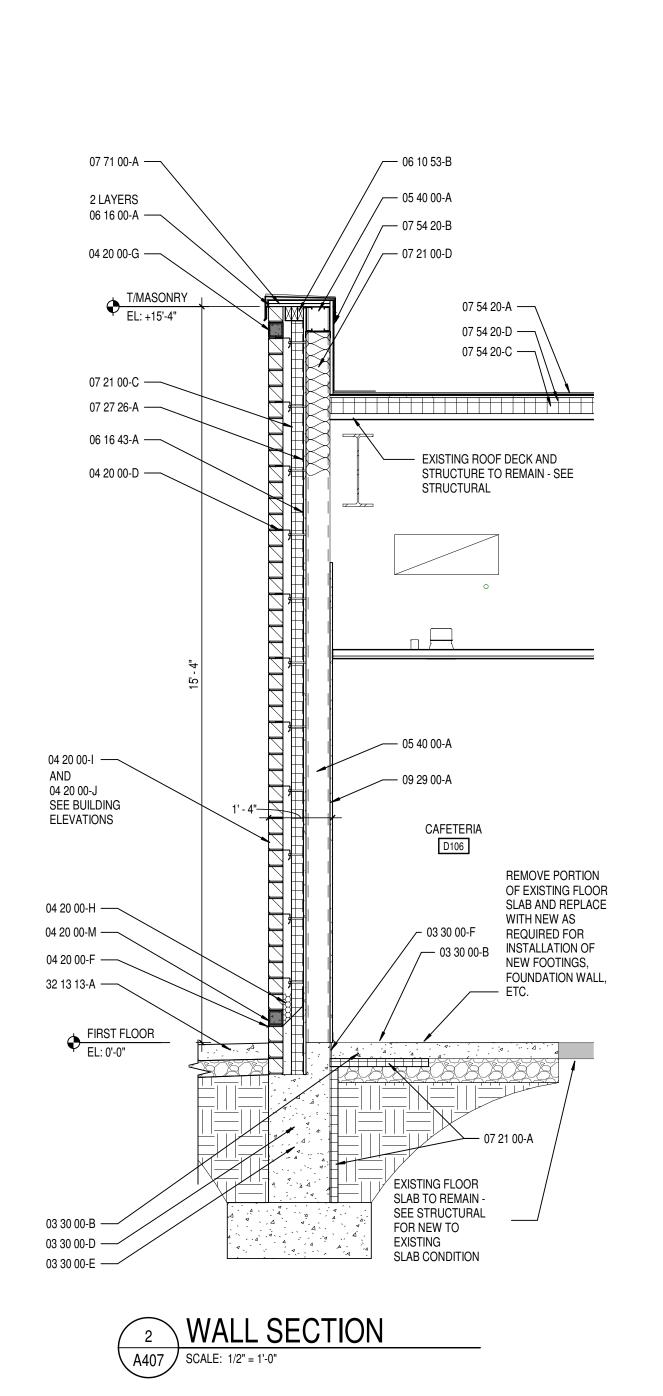
DRAWING NUMBER A406

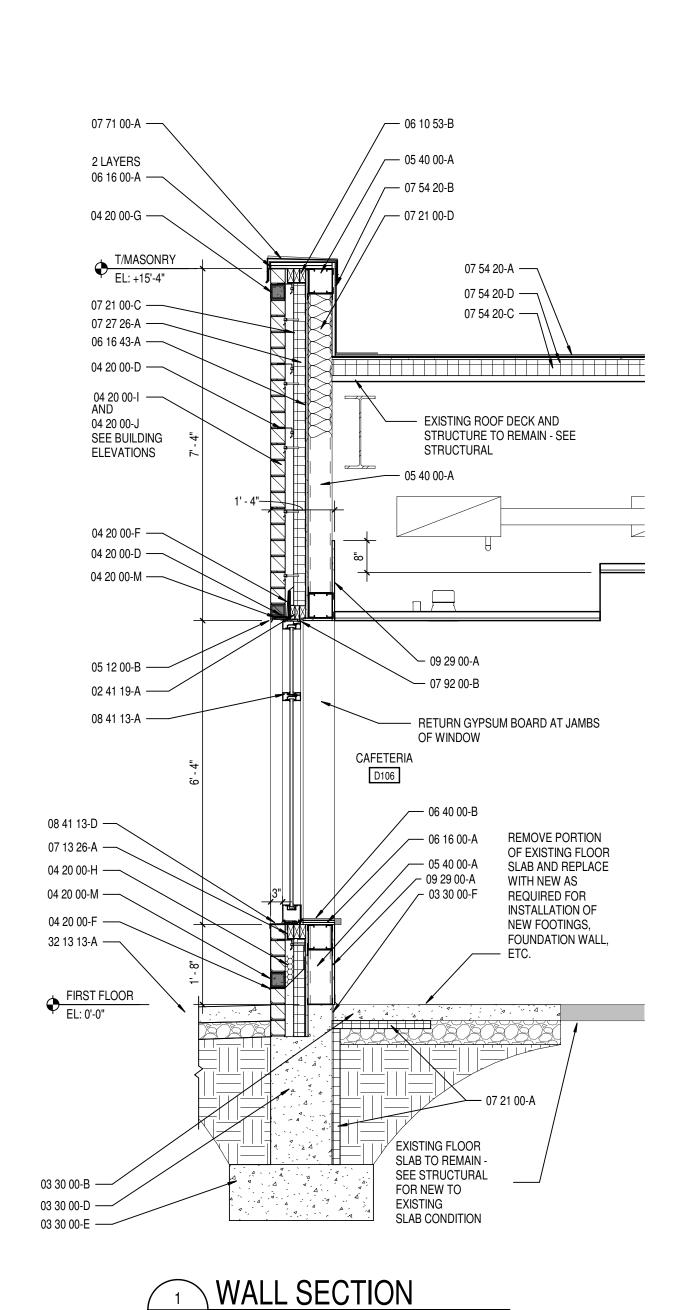












A407 SCALE: 1/2" = 1'-0"

KEYNOTE LEGEND

SELECTIVE STRUCTURE DEMOLITION 02 41 19-A 03 30 00-A WATERSTOP 03 30 00-B CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE

STRUCTURAL CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL

CONCRETE FOUNDATION- SEE STRUCTURAL CONCRETE FOOTING- SEE STRUCTURAL 03 30 00-E 03 30 00-F 1/2" EXPANSION MATERIAL 04 20 00-A GROUT CORE SOLID 04 20 00-B JOINT REINFORCEMENT AT 16" O.C. VERTICALLY

04 20 00-C MASONRY TIE ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY 04 20 00-D 04 20 00-E METAL FLASHING

04 20 00-F THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE 04 20 00-G CAVITY CELL VENTS AT 24" O.C. 04 20 00-H CAVITY DRAINAGE MATERIAL 04 20 00-l BRICK TYPE 1

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05 12 00-C STEEL CHANNEL- SEE STRUCTURAL 05 12 00-D STEEL PLATE- SEE STRUCTURAL STEEL BENT PLATE- SEE STRUCTURAL 05 12 00-E STEEL BEAM- SEE STRUCTURAL 05 12 00-G STEEL COLUMN- SEE STRUCTURAL 05 12 00-H 05 21 00-A STEEL JOIST- SEE STRUCTURAL 05 31 00-A

05 12 00-B

05 31 00-B 6 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS REQUIRED. 05 40 00-A 05 40 00-D 3 5/8 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS 10 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS REQUIRED. 7/8 16 GA. MIN FURRING (HAT) CHANNEL, @ SPACING AS REQ'D BY

CLADDING 05 40 00-K CLIP ANGLE 05 50 00-C GALVANIZED STEEL BRICK LINTEL 05 50 00-E

05 51 00-A 05 51 00-B STAIR METAL STRINGER-CHANNEL 05 51 00-C CONCRETE FILLED METAL PAN TREAD AND RISER 05 51 00-D CONCRETE FILLED METAL PAN STAIR LANDING 05 51 00-E CLIP ANGLE 05 51 00-F PAINTED STEEL PIPE AND TUBE GUARDRAILING 05 51 00-G 1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL 1-1/4" O.D. CLEAR ANODIZED ALUMINUM HANDRAIL

STRUCTURAL GLASS RAILING SYSTEM WITH WOOD CAP 05 73 00-B 1-1/4" O.D. CLEAR ANODIZED ALUMINUM HANDRAIL 06 10 53-B WOOD BLOCKING 06 16 00-A 3/4" EXTERIOR GRADE PLYWOOD 06 16 00-B 5/8" EXTERIOR GRADE PLYWOOD 06 16 43-A 5/8" GLASS-MAT GYPSUM WALL SHEATHING

3/4" WOOD TRIM 06 40 00-A 06 40 00-B SOLID PLASTIC SURFACE - 1/2" WINDOW STOOL 06 40 00-C 2X HARDWOOD CAP - STAINED SELF-ADHERING SHEET WATERPROOFING 07 13 26-A MOLDED SHEET DRAINAGE PANEL 07 13 26-C 07 21 00-A

07 21 00-B 3" THERMALLY ISOLATED COMPOSITE Z GIRT SYSTEM (COORDINATE ORIENTATION WITH METAL PANEL SUPPLIER) FULL THICKNESS MINERAL WOOL BATT INSULATION

FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE 07 42 43-A COMPOSITE METAL WALL PANEL 07 42 43-B COMPOSITE METAL COPING 07 42 43-C COMPOSITE METAL COLUMN COVER

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07 54 20-A 07 54 20-B 2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26)

07 54 20-C 1/2" COVER BOARD 07 54 20-D 07 62 00-B WALL FLASHING ROOF EXPANSION JOINT METAL COVER 07 62 00-C BRAKE METAL THROUGH WALL FLASHING, W/ DRIP EDGE 07 62 00-E 07 71 00-A MANUFACTURED COPING

MANUFACTURED FASCIA CLADDING, WITH DRIP EDGE 07 71 00-C 07 71 00-D MANUFACTURED COUNTERFLASHING SYSTEM 07 71 00-E MANUFACTURED GUTTER 07 71 00-F MANUFACTURED DOWNSPOUT FIRE-RESISTANT JOINT SYSTEMS 07 84 46-A MINERAL WOOL FIRESTOPPING INSULATION 07 84 46-B

07 92 00-A BACKER ROD AND SEALANT SEALANT EACH SIDE, TYPICAL 07 92 00-B WALL EXPANSION JOINT COVER 07 95 00-B 08 11 13-A HOLLOW METAL DOOR/BORROWED LIGHT FRAME HOLLOW METAL DOOR 08 11 13-B

FLUSH WOOD DOOR 08 14 16-A 08 33 23-A OVERHEAD COILING DOOR ALUMINUM-FRAMED STOREFRONT 08 41 13-A 08 41 13-B WIDE STYLE ALUMINUM ENTRANCE DOOR EXTRUDED ALUMINUM SILL BY ALUMINUM STOREFRONT MANUFACTURE 08 41 13-D

WRAPPING 1/2" PLYWOOD ALUMINUM BRAKE METAL TO MATCH ALUMINUM STOREFRONT FRAME 08 71 00-A ALUMINUM THRESHOLD A-00 08 80 GLAZING - SEE SCHEDULE/ELEVATIONS

STUD RUNNER TRACK 7/8" FURRING CHANNEL 09 22 16-B 09 22 16-C 2 1/2" STEEL STUD 09 22 16-D 3 5/8" STEEL STUD

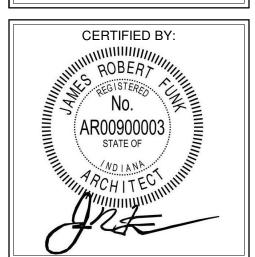
09 22 16-E 6" STEEL STUD 09 22 16-G 10" STEEL STUD 5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE) 09 29 00-A 09 29 00-B SOUND ATTENUATION INSULATION 09 29 00-D EXTRUDED ALUMINUM 1/2" Z-REVEAL 09 51 13-A ACOUSTICAL CEILING SUSPENSION ASSEMBLY

DECORATIVE ACOUSTICAL CEILING EDGE TRIM 1 X 6 TONGUE AND GROOVE HARDWOOD FLOORING 09 64 00-A 09 64 00-B HARDWOOD STAIR NOSING ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE PLASTIC LAMINATE INSTITUTIONAL CASEWORK- SEE EQUIPMENT 12 32 16-A

TELESCOPING STAND SEATING- SEE EQUIPMENT SCHEDULE 12 66 00-A 14 24 00-A HYDRAULIC ELEVATORS ELEVATOR DOOR AND FRAME 14 24 00-B 14 24 00-C ELEVATOR SILL 14 24 00-D ELEVATOR SILL SUPPORT BY ELEVATOR MANUFACTURER

14 24 00-E PIT LADDER 14 24 00-F ELEVATOR HOIST BEAM PRE-FINISHED ALUMINUM FIXED LOUVER (CUSTOM COLOR TO MATCH 23 37 13-A ADJACNET FINISH)

FLASHING / DRIP EDGE FINISH GRADE- SEE CIVIL SHEETS 31 20 00-A SIDEWALK- SEE CIVIL SHEETS 32 13 13-B CONCRETE PAVING- SEE CIVIL SHEETS



DRAWING NUMBER A407

PROJECT NUMBER 2021119



SCOPE DRAWINGS: equirements of the Contract.

On the basis of the general scope indicated or described in the scope indicated in the scope indicated or described in the scope indicated in the scope in the trade contractors shall furnish all items required for the proper execution and completion of the work.

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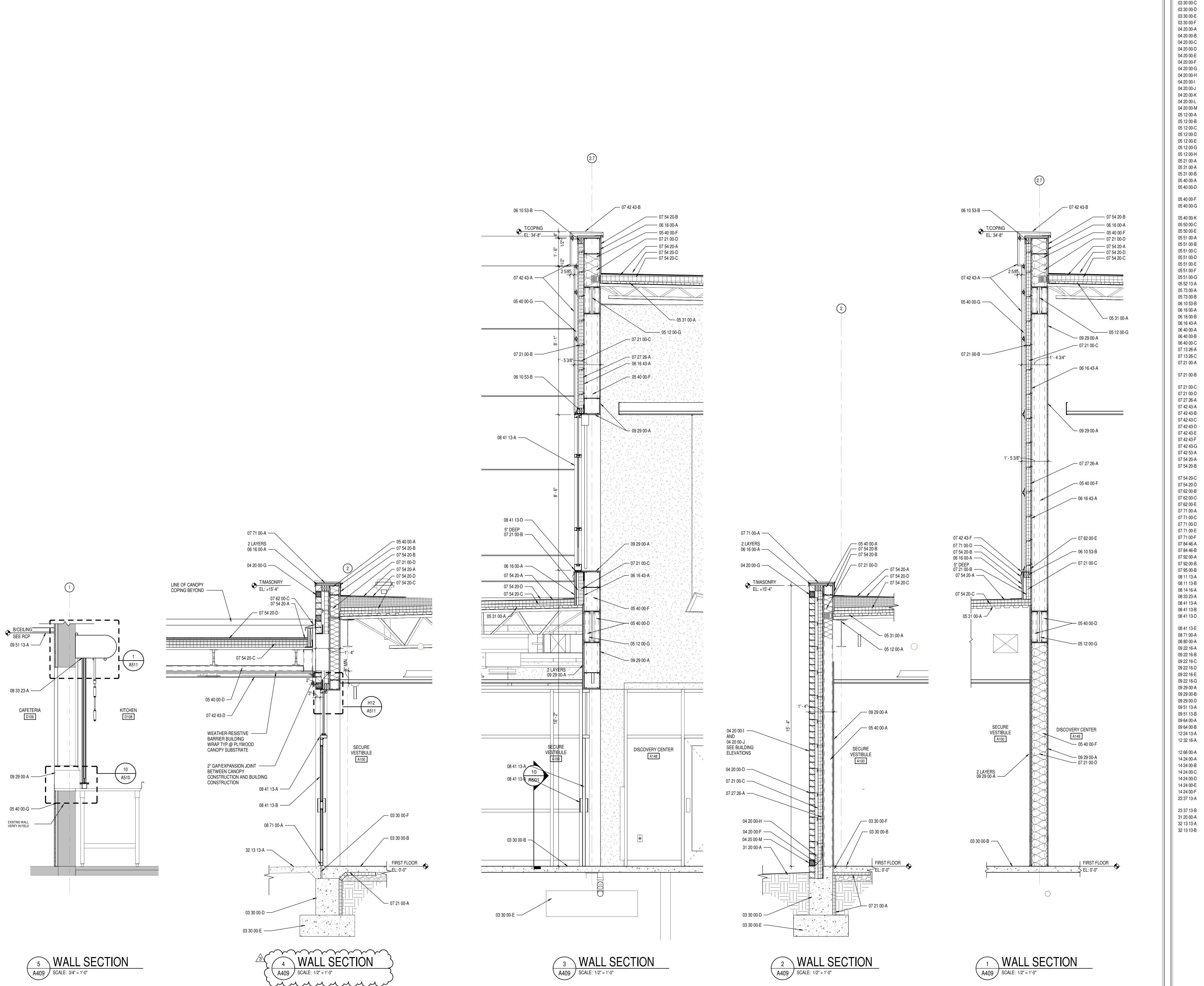
Southeastern Schools

REVISIONS: ADD #3 02/09/2024

ISSUE DATE | DRAWN BY | CHECKED BY 01/15/2024 LTR ECN

DRAWING TITLE:

WALL SECTIONS



MASONRY TIE

METAL FLASHING

BRICK TYPE 1

CLIP ANGLE

CLIP ANGLE

WOOD BLOCKING

3/4" WOOD TRIM

GALVANIZED STEEL BRICK LINTEL

STAIR METAL STRINGER-CHANNEL

3/4" EXTERIOR GRADE PLYWOOD

5/8" EXTERIOR GRADE PLYWOOD

2X HARDWOOD CAP - STAINED

MOLDED SHEET DRAINAGE PANEL

COMPOSITE METAL WALL PANEL

COMPOSITE METAL COLUMN COVER

COMPOSITE METAL COPING

COMPOSITE METAL SOFFIT

BASE FLASHING

1/2" COVER BOARD

MANUFACTURED COPING

MANUFACTURED GUTTER

BACKER ROD AND SEALANT

HOLLOW METAL DOOR

OVERHEAD COILING DOOR

WRAPPING 1/2" PLYWOOD

ALUMINUM THRESHOLD

STUD RUNNER TRACK 7/8" FURRING CHANNEL

2 1/2" STEEL STUD

3 5/8" STEEL STUD 6" STEEL STUD

10" STEEL STUD

SCHEDULE

ELEVATOR SILL

PIT LADDER

ALUMINUM-FRAMED STOREFRONT

WIDE STYLE ALUMINUM ENTRANCE DOOR

GLAZING - SEE SCHEDULE/ELEVATIONS

SOUND ATTENUATION INSULATION

HARDWOOD STAIR NOSING

HYDRAULIC ELEVATORS

ELEVATOR HOIST BEAM

ADJACNET FINISH)

FLASHING / DRIP EDGE

FINISH GRADE- SEE CIVIL SHEETS

CONCRETE PAVING- SEE CIVIL SHEETS

SIDEWALK- SEE CIVIL SHEETS

ELEVATOR DOOR AND FRAME

EXTRUDED ALUMINUM 1/2" Z-REVEAL

5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)

ACOUSTICAL CEILING SUSPENSION ASSEMBLY

DECORATIVE ACOUSTICAL CEILING EDGE TRIM

1 X 6 TONGUE AND GROOVE HARDWOOD FLOORING

ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE

TELESCOPING STAND SEATING- SEE EQUIPMENT SCHEDULE

ELEVATOR SILL SUPPORT BY ELEVATOR MANUFACTURER

PRE-FINISHED ALUMINUM FIXED LOUVER (CUSTOM COLOR TO MATCH

PLASTIC LAMINATE INSTITUTIONAL CASEWORK- SEE EQUIPMENT

FLUSH WOOD DOOR

SEALANT EACH SIDE, TYPICAL

WALL EXPANSION JOINT COVER

MANUFACTURED DOWNSPOUT

FIRE-RESISTANT JOINT SYSTEMS

WALL FLASHING

5/8" GLASS-MAT GYPSUM WALL SHEATHING

SELF-ADHERING SHEET WATERPROOFING

TOP OF FOOTING OR 48" MAX VERTICAL)

ORIENTATION WITH METAL PANEL SUPPLIER)

FULL THICKNESS MINERAL WOOL BATT INSULATION FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE

SOLID PLASTIC SURFACE - 1/2" WINDOW STOOL

SLAB PERIMETER RIGID INSULATION (R-15 FOR 24" HORIZONTAL. R-10 TO

3" CAVITY WALL EXTRUDED-POLYSTYRENE BOARD INSULATION (R-16.8)

BRAKE METAL TRIM / FLASHING TO MATCH COMPOSITE METAL PANEL

MEMBRANE ROOFING - EXTEND OVER AND ATTACH TO FRONT FACE OF

METAL HAT CHANNEL (16 GA. MIN.) - SEE SECTIONS FOR DEPTH

PROFILE METAL WALL PANEL (SEE ELEVATIONS FOR PROFILE)

INDUCTION WELDED POLYVINYL-CHLORIDE (PVC) ROOFING

2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26)

BRAKE METAL THROUGH WALL FLASHING, W/ DRIP EDGE

MANUFACTURED FASCIA CLADDING, WITH DRIP EDGE

MANUFACTURED COUNTERFLASHING SYSTEM

MINERAL WOOL FIRESTOPPING INSULATION

HOLLOW METAL DOOR/BORROWED LIGHT FRAME

EXTRUDED ALUMINUM SILL BY ALUMINUM STOREFRONT MANUFACTURER

ALUMINUM BRAKE METAL TO MATCH ALUMINUM STOREFRONT FRAME

ROOF EXPANSION JOINT METAL COVER

3" THERMALLY ISOLATED COMPOSITE Z GIRT SYSTEM (COORDINATE

STAIR METAL STRINGER-TUBE

PRE-MANUFACTURED ALUMINUM SHIPS LADDER

CONCRETE FILLED METAL PAN TREAD AND RISER

CONCRETE FILLED METAL PAN STAIR LANDING

PAINTED STEEL PIPE AND TUBE GUARDRAILING 1-1/4" I.D. PAINTED STEEL PIPE HANDRAIL

1-1/4" O.D. CLEAR ANODIZED ALUMINUM HANDRAIL

STRUCTURAL GLASS RAILING SYSTEM WITH WOOD CAP 1-1/4" O.D. CLEAR ANODIZED ALUMINUM HANDRAIL

CAVITY CELL VENTS AT 24" O.C.

CAVITY DRAINAGE MATERIAL

CONCRETE MASONRY UNIT

BRICK TYPE 2 (ACCENT)

02 41 19-A SELECTIVE STRUCTURE DEMOLITION
03 30 00-A WATERSTOP
03 30 00-B CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
03 30 00-C CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
03 30 00-D CONCRETE FOUNDATION- SEE STRUCTURAL
03 30 00-E CONCRETE FOOTING- SEE STRUCTURAL
03 30 00-F 1/2" EXPANSION MATERIAL
04 20 00-A GROUT CORE SOLID

JOINT REINFORCEMENT AT 16" O.C. VERTICALLY

ADJUSTIBLE MASONRY VENEER ANCHOR AT 16" O.C. VERTICALLY

10 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS REQUIRED.
7/8 16 GA. MIN FURRING (HAT) CHANNEL, @ SPACING AS REQ'D BY

THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE

Seystone Crossing, Indianapolis, IN 46240 317.848.7800 | csoinc.net

Hamilton

Southeastern Schools

BOND BEAM MASONRY LINTEL
CAVITY CELL VENTS WITH WEEP HOLES AT 24" O.C.
STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
STEEL ANGLE- SEE STRUCTURAL
STEEL CHANNEL- SEE STRUCTURAL
STEEL PLATE- SEE STRUCTURAL
STEEL BEAM- SEE STRUCTURAL
STEEL BEAM- SEE STRUCTURAL
STEEL COLUMN- SEE STRUCTURAL
STEEL JOIST- SEE STRUCTURAL
METAL ROOF DECKING- SEE STRUCTURAL
METAL FLOOR DECKING- SEE STRUCTURAL
6 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS REQUIRED.
3 5/8 16 GA. MIN. STEEL STUDS @ 16" O.C., CROSS BRACING AS

AMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL

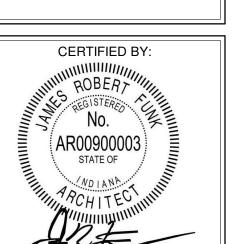
SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS: ADD #3 02/09/2024

ISSUE DATE DRAWN BY CHECKED BY 01/15/2024 LTR ECN

DRAWING TITLE:

LL SECTIONS



DRAWING NUMBER
A409

DOOR						Fr	DO RAME	OR AND	FRAME	SCHEDUL	E								DOOD							FRAME	DOOR AI	ND FRAME SC	CHEDULE							
DOOR	SIZ	ZE	SS -		Z		HAIVIE	Z			DETA	AIL			g	9 N	(0		DOOR		SIZE	U.	3 _	Z		FRAIME		Z		DETAIL			G	5 2	(0	A. 5/16" CLEAR LAMINATED GLAZING B. 3/8" TEMPERED SCHOOL GUARD GLAZING
퐀	ОТН	GHT	ICKNE	HSI	EVATIC	ASS	TERIA	EVATIC	ASS	AD	MB MB			HARDWARE	RATIN	C RATI	MARK8		ÄÄ	DTH		IGHT IGKNE	TERIAL	IISH EVATIC	ASS	TERIA	HSH	ASS	AD	MB		HARDWARE	RATIN	C RATI	MARK8	C. 1 1/16" THICK LAMINATED, LOW E, INSULATING GLA AND 1/2" AIRSPACE
FIRST LEVEL	×		<u> </u>		日	GL GL	M H		<u>G</u>	<u></u>	AL		SII	HARDWARE SET	占	S	<u> </u>		C121B C122A	SGL 3' - 0 SGL 3' - 0)" 7' ''' 7'	出 日 " - 0" 1 3/ " - 0" 1 3/	74" AL	AN D3	JD C	AL AN	L i	IOB C	出 H11 H2	J11,J12 .l2	\$2, \$3	SET 18		LS -	<u>Ш</u> - -	AL = ALUMINUM
A100A PAIR A100A.1 SGL A100B PAIR	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" A 1 3/4" W	L AN D ST	D3 D1	C -	AL AN HM PT AL AN	F23 F1 F23	C -	H12 H1 H12	J12 J1 J12		S2 6 S1 1	62 10		-	- - -		C122B C123 C124	SGL 3' - (SGL 3' - (SGL 3' - ()" 7')" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/	/4" WD : //4" WD : //4" WD : //4" WD	ST D3 ST D1 ST D1	A -	HM PT HM PT	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	5A A A	H2 H2 H1	J2 J2	S1 S1 S1	25 15	-	-	- - -	AN = ANODIZED BL = BORROWED LITE GHM = GALVANNEALED HOLLOW METAL
A100C PAIR A100D PAIR	3' - 0"	7' - 0"	1 3/4" A 1 3/4" A	L AN L AN	D3 D3	B B	AL AN AL AN	F26 F26	B B	H6 H6	J6 J6		S2 4 S2 5	18 52	-	-	- - -		C124 C125 C126 C127	SGL 3' - 0)" 7')" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/	/4" WD //4" WD	ST D1	- -	HM PT	г г г	=1	H1 H2	J1 J2	S1 S1	37 37	-	-		HM = HOLLOW METAL PT = PAINT ST = STAIN
A101A SGL A101B SGL A102 SGL	3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" A 1 3/4" A 1 3/4" W	L AN L AN D ST	D3 D3 D2		AL AN AL AN HM PT	F6A F7 F1	B -	H4 H4 H1	J4 J4 J1		S1 4 S1 3	32 47 31		- -	- - -		C128 C129	SGL 3' - 0 SGL 3' - 0		" - 0"	/4" WD	ST D2 ST D1 ST D2	- A	HM PT HM PT HM PT	I I	=1 - 3	H1 H2 H2	J1 J2 J2	S1 S1 S1	10 14 10			- - -	SS = STAINLESS STEEL
A103 SGL A105A SGL A105B SGL	3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST D ST	D2 D2 D2	A A	HM PT HM PT HM PT	F1 F1	-	H2 H2 H2	J2 J2 J2		S1 0 S1 1 S1 1)1 10 10		- - -	- - -		UNIT D D101.1 D101A	SGL 3' - ()" 7')" 7'	" - 0" 1 3/	/4" WD :	ST D1 AN D3	- C	HM PT	Г I	-1 - 12 C	H3 H11	J3 J11,J12	S1 S2	30 61	-		- -	* = SEE REMARKS COLUMN FOR NOTES
A106A SGL A106B SGL A107 SGL	3' - 0" 3' - 0"		1 3/4" W 1 3/4" W 1 3/4" W	D ST	D2 D2 D2	A	HM PT HM PT HM PT	F1 F1 F1		H2 H2 H2	J2 J2 J2		S1 1 S1 3 S1 1	10 38 12		- - -	- - -		D101B D101H D105A	PAIR 3' - (SGL 3' - (PAIR 3' - ()" 7')" 7')" 7'	'' - 0"	/4" AL /. /4" GHM //4" WD :	AN D3 PT D1 ST D2	- A	AL AN GHM PT HM PT	N Ι Γ Ι Γ Ι	=3 B J = 2 - 5 = 3 - 5 = 3 B J = 3 B J = 5 = 5 = 5 = 5 = 5 = 5 = 5 = 5 = 5 =	H1 H11 H13	J1 J11 J13	\$1 \$2 \$1	07 57 65		- - -	- - -	GENERAL DOOR NOT
A108 SGL A109 SGL A110A SGL	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST	D1 D2 D2	Α	HM PT HM PT	F1 F1 F1	-	H2 H1 H2	J2 J1 J2		S1 1 S1 3 S1 1	12 30 10		- - -	<u>-</u> -		D105B D106.1 D106.2	PAIR 3' - 0 SGL 3' - 0 PAIR 3' - 0)" 7')" 7')" 7'	" - 0"	/4" WD //4" AL //4" WD //4"	ST D3 AN D3 ST D3	A B A	AL AN	N F N F	14 A B B 15 A	H4 H1 H4	J4 J1 J4	S1 S1 S1	65 58 64			- - -	B. DOOR AND FRAME NUMBERS CORRESPOND TO R NUMBER. IN ROOMS WITH MULTIPLE OPENINGS, A
A110B SGL A113 SGL A114 SGL	3' - 0" 3' - 0" 3' - 0"	_	1 3/4" W 1 3/4" W 1 3/4" W	D ST	D2 D2 D2	A	HM PT HM PT HM PT	F1 F1	-	H2 H2 H2	J2 J2 J2		S1 1 S1 1 S1 1	10 10			- - -		D107A D107B D107C	SGL 3' - (COIL 16' - SGL 3' - (" - 0" 1 3/ " - 4" 2' " - 0" 1 3/		ST D1 AN D4 ST D1		HM PT AL AN HM PT	- 1	-2 -	H9 H16 H9	J9 J16 J9	S1 S1 S1	22 68 22	-	-	-	C. VERTICAL FRAMING MEMBERS AT ALL DOOR FRAM STRUCTURE ABOVE. D. UNDERCUT ALL DOORS AS REQUIRED BY FINAL FI
A117 SGL A118 SGL A119A SGL	3' - 0" 3' - 0" 3' - 0"	7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST D ST	D2 D2	A A	HM PT HM PT	F1 F1	-	H2 H2 H2	J2 J2		S1 1 S1 1	10		-	- - -		D108A D108B D109	SGL 3' - (COIL 4' - (SGL 3' - ()" 7'		/4" WD	ST D2		HM PT	ΓΙ	2 -	H9 H16 H9	J9 J16	S1 S4 S1	28 68	-	-	-	E. PROVIDE CONTINUOUS SEALANT BETWEEN HOLLO PERIMETERS AND SURROUNDING WALL CONSTRU F. PROVIDE CONTINUOUS SEALANT BETWEEN INTER WINDOW, CURTAINWALL AND STOREFRONT FRAM
A119B SGL A120A SGL A120B SGL	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" A 1 3/4" W 1 3/4" W	0.	D3 D2	, , , , , , , , , , , , , , , , , , ,	AL AN HM PT HM PT	F8A F1	C -	H11 H2	J11,J12 J2	2	S2 3 S1 1	33 10		-	- - -		D110A D110A.1	PAIR 3' - 6)" 7' 6" 7'	" - 0" 1 3/ " - 0" 1 3/	/4" AL //4" WD :	AN D3 ST D1	C -	AL AN PT AL AN	N F	13 C	H12 H1	J12 J1	S2 S1	55 30				SURROUNDING CONSTRUCTION UNLESS NOTED C G. GROUT FULL HOLLOW METAL FRAMES IN MASONF H. SPOT GROUT HOLLOW METAL FRAMES IN GYPSUN
A121 SGL A122 SGL	3' - 0"	7' - 0" 7' - 0"	1 3/4" W 1 3/4" W	D ST D ST	D1 D1	-	HM PT HM PT	F1 F1	-	H2 H2	J2 J2		S1 1 S1 1	15	-	-	- - -		D110B D110C D110D	PAIR 3'-()" 7')" 7'		,	AN D3 AN D3		AL AN	V F	24 A A	H4 H4	J4 J4	S1 S1	08 08	-	-	-	I. WHERE A FIRE RATING IS INDICATED ON THE DOO AND DOOR ASSEMBLY COMPONENTS SHALL MEET THAT LABEL.
A123A SGL A123B SGL A126 SGL	3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" A 1 3/4" W	L AN D ST	D3 D2	C A	HM PT AL AN HM PT	F8B F1	C -	H11 H2	J2 J11,J12 J2	2	S1 0 S2 3 S1 1	33 10		- -	- - -		D118 D120A	SGL 3' - (PAIR 3' - (PAIR 3' - ()" 7')" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/	/4" WD	ST D1	-	HM PT HM PT	і і Г і	-2	H10 H9	J9 J10 J9	S1 S1 S1	42 45		-	- - -	AND DOOR ASSEMBLY COMPONENTS SHALL MEET
A127 SGL A128 SGL A130 SGL	3' - 0" 3' - 6" 3' - 0"	7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST D ST	D2 D1 D3	- A	HM PT HM PT	F1 F1 F5A	- - A	H2 H2 H1	J2 J2 J1		S1 1 S1 4 S1 2	10 41 29		- - -	- - -		D120B D121 D122B.1	PAIR 3' - (PAIR 3' - (PAIR 3' - (y" 7' " 7' " 7'	" - 0"	/4" GHM /4" WD	D1 D2 D1 D1 D1		HM PT GHM PT HM PT	I	-3 - - - - - 	H14 H10 H10	J14 J10 J10	S1 S2 S1	45 56 46	- - -		- - -	L. ALL LINTELS ABOVE EXTERIOR OPENINGS SHALL E M. REFER TO SHEETS AXXX & AXXX FOR ADDITIONAL BORROWED LITE ELEVATIONS.
A131A SGL A131B SGL A132 SGL	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" A 1 3/4" W	L AN	D3 D3 D1	A C -	HM PT AL AN HM PT	F5A F8A F1	A C	H2 H11 H2	J2 J11,J12 J2	2	S1 2 S2 3 S1 2	27 33 21			- - -		D122B.2 D123A D123B	SGL 3' - 0 SGL 3' - 0 PAIR 3' - 0)" 7')" 7')" 7'	7' - 0"	/4" WD /4" WD /4" GHM	ST D1 ST D1 PT D1		HM PT HM PT GHM PT	Г I	-2 - - 2 - - 4 - -	H10 H10 H10	J10 J10 J10	S1 S1 S2	19 39 56			- - -	AROUND FRAMES. O. SCHEDULED HARDWARE FOR ALUMINUM DOORS
A133 SGL A134A SGL A134B SGL	3' - 0" 3' - 0" 3' - 0"		1 3/4" W 1 3/4" W 1 3/4" W	0.	D2 D2 D3	A	HM PT HM PT	F1 F1 F5R	- - A	H2 H2 H2	J2 J2 .12		S1 2 S1 2 S1 2	21 27 27		- - -	- - -		D124 D125 D125A	PAIR 3' - (CASED 6' - (PAIR 3' - ()" 7')" 7')" 7'	" - 0"	/4" GHM /4" -	PT D1 -		GHM PT HM PT GHM PT	Г I	-4	H15 - H10	J15 - J10	\$2 - \$2	66 - 55			- - -	DOORS TO BE PREPARED BY ALUMINUM DOOR SU WITH THE SCHEDULED HARDWARE. P. ALL NEW HOLLOW METAL DOORS, FRAMES AND B
A134C SGL A134D SGL A135 SGL	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" A 1 3/4" W 1 3/4" W	L AN D ST	D3 D3	С	AL AN HM PT HM PT	F8B F5A F1	CA	H12 H2 H2	J11,J12 J2 J2	2	S2 3 S1 0 S1 2	33)2 37	-	-			D123A D126 D127A D127B	SGL 3' - (PAIR 3' - (PAIR 3' - ()" 7')" 7')" 7'	" - 0"		ST D2 ST D1	A -	HM PT - PT - HM PT	Г I	-4 - -	H10 H10 H10	J10 J10 J10 J10	S1 S1	10 -	-	-	- - -	TO BE PAINTED AS INDICATED ON THE A800 SERIE FINISH PLANS FOR WOOD DOOR FINISHES. Q. PROVIDE SILENCERS ON ALL DOOR FRAMES.
A136 SGL A137 SGL	3' - 0" 3' - 0"		1 3/4" W 1 3/4" H	D ST M ST	D1 D2	Α	HM PT HM PT	F1 F1	-	H2 H1	J2 J2 J1		S1 1 S1 0	15	-	-	WOOD GRAIN H	IM DOOR	D128 D130A	SGL 3'-(PAIR 3'-()" 7')" 7'		/4" WD /4" AL	ST D1 AN D3	- C	HM PT	. П Г П N Б	22 C C	H10 H10 H12	J10 J10 J12	S1 S1 S2	15 62	-	-	- - -	OPENINGS WHERE INDICATED ON THE STRUCTUR
A140.1 SGL A140A PAIR A140B PAIR	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" A 1 3/4" A	L AN	D3 D3		HM PT AL AN AL AN	F1 F12 F3	C -	H14 H11 H4	J14 J11,J12 J4		S1 3 S2 6 S1 0	50 S1 D7		- - -	- - -		D130B D130C D130D	PAIR 3' - (PAIR 3' - (PAIR 3' - (7' 0" 7' 0" 7'	" - 0"	/4" AL //4" AL //4" AL //4" AL //4" AL //4"	AN D3 AN D3 AN D3	A A	AL AN	N F	20 A A	H12 H12 H12	J12 J11,J12 J10,J12	S2 S1 S2	53 09		-	- - -	S. VERIFY ALL EXISTING CONDITIONS AND DIMENSION FABRICATION OF DOORS AND FRAMES. BRING DIS ATTENTION OF THE ARCHITECT.
A141A SGL A141B SGL A142A SGL	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" A	0.	D3 D3	A A C	HM PT AL AN	F5A F5B F10A	A A C	H2 H3 H11	J2 J3 J11,J12		S1 2 S1 2 S2, S3 1	27 27 18		-	- - -		D131A D131B D131C	SGL 3' - 6 SGL 3' - 6 SGL 3' - 6	5" 7' 6" 7' 6" 7'	" - 0"	,	D2 D2 D2 D2 D2 D2 D2	A A A	HM PT HM PT	і Г Г	-2 -) -2	H10 H10 H10	J10 J10 J10	S1 S1 S1	51 50 59		-	- - -	
A142B SGL A142C SGL A143 SGL	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0"		L AN D ST	D3 D3 D1	-	AL AN HM PT	F25 F10B F1	C C	H11 H11 H1	J11,J12 J11,J12 J1		S2, S3 1 S2, S3 2 S1 2	18 24 21			- - -		D131D D135 D139)" 7' 6" 7'	" - 0"	/4" WD /4" WD	ST D2 ST D1 ST D1	-	HM PT HM PT	Г I Г I	=2 - - 3 - - 1 - - 3 - - 3	H10 H14 H14	J10 J14 J14	S1 S1 S1	60 42 37				<u> </u>
A144 SGL A145 SGL A146 SGL		7' - 0" 7' - 0"		D ST D ST	D1 D3	Α	HM PT HM PT HM PT	F1 F17A F10B	- A	H1 H6 H6	J1 J6		S1 2 S1 1	21 10			- - -			SGL 3' - 6	6" 7'	" - 0" 1 3/	/4" WD	PT D1		HM PT GHM PT GHM PT	Г	=1 - }	H14 H15 H15	J14 J15 J15	S1 S2 S2	49 57 34			- -	3. THIS WINDOW / FRAME SHALL BE LAMINATED GLA
A147 SGL A151 SGL	3' - 0"	7' - 0" 7' - 0"	1 3/4" W 1 3/4" W	D ST D ST	D1 D2	- A	HM PT HM PT HM PT	F1 F1	-	H2 H2	J2 J2		S1 1 S1 1	16	-	-	-		SECOND LE UNIT A	VEL				T D1			· ·			10	G1	10				FINISH FLOOR. REMAINING GLAZING ABOVE 7'-0" TO TO GLAZING SCHEDULE FOR INSULATING OR NON 4. MANUAL SINGLE BOLLER SHADE, FULL WIDTH OF
A152 SGL A153A SGL A153B SGL	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST D ST	D3 D3	A A	HM PT HM PT	F17B F5B F5B	A	H6 H2 H2	J6 J2 J2		S1 6 S1 6	67 67		- - -	- - -		A201 A202 A203A	PAIR 3' - (SGL 3' - ()" 7')" 7')" 7'	" - 0"	/4" WD	ST D1	A -	HM PT HM PT	і і Г F	118 A A	H2 H2 H1	J2 J2 J1	S1,S5 S1	26 20	-	- - -	- - -	FRAME, VIF ALL DIMENSIONS.
A154 SGL A155 SGL A158 PAIR	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"			D3 D2 D2	Α	HM PT HM PT HM PT	F5B F1 F3	- -	H1 H1 H1	J1 J1 J1		S1 0 S1 2 S1 6	05 21 65			- - -		A203B A204A A204B	SGL 3' - 0 SGL 3' - 0 SGL 3' - 0		'' - 0"		ST D1 ST D3 ST D3		HM PT HM PT HM PT	Г I Г F	5B A A 5	H1 H1 H1	J1 J1 J1	S1 S1 S1	20 02 02			- - -	
UNIT B B101 SGL B102A PAIR	3' - 0" 3' - 0"		1 3/4" W 1 3/4" W	_ 0 .	D1 D3		HM PT HM PT	F1 F18	- A	H2 H2	J2 J2		S1 1 S1,S5 2	13 26		-	- -		A205 A206 A207	SGL 3' - 0 PAIR 3' - 0 SGL 3' - 0)" 7')" 7')" 7'	" - 0"	/4" WD : /4" WD : /4" WD :	ST D1 ST D3 ST D1	- A -	HM PT HM PT HM PT	Г I Г F	-1 -) -18 A = 1	H2 H2 H2	J2 J2 J2	S1 S1,S5 S1	13 26 13		- - -	- -	TVII TB G VV I (LIVI) (I (I (G
B102B SGL B103A SGL B103B SGL	3' - 0" 3' - 0" 3' - 0"		1 3/4" A 1 3/4" W 1 3/4" W		D3 D1 D1		AL AN HM PT HM PT	F8A F1 F1	C -	H12 H1	J11,J12 J1 J1	2 8	S2, S3 3 S1 2 S1 2	33 20 20			- - -		A208 A209A A209B	PAIR 3' - 0 SGL 3' - 0 SGL 3' - 0)" 7')" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/		ST D3 ST D1 ST D1	-	HM PT HM PT HM PT	Г F Г I	18 A 3	H2 H1 H1	J2 J1 J1	S1,S5 S1 S1	26 20 20			- -	2A. BLACKOUT ROLLER SHADE, FULL WIDTH OF WINDO
B104A SGL B104B SGL B105 SGL	3' - 0" 3' - 0" 3' - 0"		1 3/4" W 1 3/4" W 1 3/4" W	D ST	D3 D3	Α	HM PT HM PT HM PT	F5B F5A F1	A	H1 H1 H2	J1 J1		S1 0 S1 0)2)2 13		-	- - -		A210A A210B A211	SGL 3' - (SGL 3' - (PAIR 3' - ()" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/		ST D3	A A A	HM PT HM PT	Г F	5A A 5B A A	H1 H1	J1 J1 .I1	S1 S1	03 03 43			- - -	
B106A PAIR B106B SGL B107 SGL	3' - 0"		1 3/4" W 1 3/4" A	D ST L AN	D3 D3	A C	HM PT AL AN HM PT	F18 F8B	A	H2 H11 H2	J2 J11,J12		S1,S5 2 S2, S3 3	26 33	-	-			A212 A213	PAIR 3' - 0)" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/	/4" WD /4" WD	ST D3 ST D1	A -	HM PT HM PT	, , , , , , , , , , , , , , , , , , ,	18 A A	H2 H2 H2	J2 J2	S1,S5 S1 S1,S5	26 13	-	-	-	
B108A PAIR B108B SGL	3' - 0"	7' - 0" 7' - 0"	1 3/4" W 1 3/4" A	D ST L AN	D3 D3	A C	HM PT AL AN	F18 F8A	A	H2 H11	J2 J11,J12		S1,S5 2 S2, S3 3	26 33		- -	- - -		A215A A215B	SGL 3' - (SGL 3' - ()	" - 0"	/4" WD /4" WD	ST D3 ST D1 ST D1	-	HM PT	, г Г , і	18 A A	H1 H1	J1 J1	S1 S1	20 20			- -	
B109A SGL B109B SGL B110A SGL	3' - 0" 3' - 0"	7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST D ST	D1 D1 D3	-	HM PT HM PT HM PT	F1 F1 F5A	- A	H1 H1	J1 J1 J1		S1 2 S1 2 S1 0	20 20 03		-	- -		A216A A216B A217	SGL 3' - (SGL 3' - (SGL 3' - ()"	'' - 0"	/4" WD 3 /4" WD 3 /4" WD 3	ST D3 ST D1	A A -	HM PT HM PT HM PT	I	5A A 5B A -	H1 H1 H2	J1 J1 J2	S1 S1 S1	02 02 13			- -	
B110B SGL B111A PAIR B112A PAIR	3' - 0" 3' - 0" 3' - 0"	7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST	D3 D3 D3	Α	HM PT HM PT	F5B F3 F18	A A A	H1 H1 H2	J1 J1 J2		S1 0 S1 4 S1,S5 2	03 43 26		- - -	<u>-</u> -		1	PAIR 3' - 0 SGL 3' - 0 PAIR 3' - 0		" - 0"	/4" WD	ST D3 ST D1 ST D2		HM PT HM PT HM PT	Г F Г I	118 A J	H2 H2 H1	J2 J2 J1	\$1,S5 \$1 \$1	26 13 -			- -	
B112B SGL B113 SGL B114A PAIR	3' - 0" 3' - 0" 3' - 0"	7' - 0"	1 3/4" A 1 3/4" W 1 3/4" W		D3 D1 D3		AL AN HM PT HM PT	F8B F1 F18	C - A	H11 H2 H2	J11,J12 J2 J2		S2, S3 3 S1 1 S1,S5 2	33 13 26			- - -		A224	PAIR 3' - 0 SGL 3' - 0 SGL 3' - 0)" 7')" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/	/4" WD /4" WD /4" WD	ST D2 ST D1 ST D1		HM PT HM PT HM PT	Г I	-3 - - 1 - - 1 - - 1	H1 H14 H14	J1 J14 J14	S1 S1 S1	- 37 37			- -	
B114B SGL B115A SGL B115B SGI	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"		L AN	D3 D1	-	AL AN HM PT HM PT	F8A F1	C -	H11 H1	J11,J12 J1	2 8	S2, S3 3 S1 2	33 20 20			- - -		A226 A227	SGL 3' - (SGL 3' - (SGL 3' - ()" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/	/4" WD	ST D1	-	HM PT	Г ! Г !	=1	H14 H14 H14	J14 J14 J14	S1 S1 S1	37 15			- - -	
B116A SGL B116B SGL	3' - 0" 3' - 0"	7' - 0"	1 3/4" W 1 3/4" W	D ST D ST	D3 D3	Α	HM PT HM PT	F5B F5A	A		J1 J1		S1 0 S1 0 S1 1)2		-	- - -		UNIT B	SGL 3' - ()" 7'	" - 0" 1 3/		ST D1		HM PT	Γ Ι	18 A	H2 H2	J2	S1 S1,S5	15	-	-	- -	
B118A PAIR B118B SGL	3' - 0"		1 3/4" W 1 3/4" W 1 3/4" A	L AN	D3 D3	С	HM PT AL AN	F18 F8B	A	H2 H12	J2 J2 J11,J12		S1,S5 2 S2, S3 3	26 33	-	-	-		B203A B203B	SGL 3'-0)	" - 0" 1 3/ " - 0" 1 3/	/4" WD : /4"	ST D1	-	HM PT	Г !	=1	H1 H1	J1 J1	S1 S1	20 20	-	-	-	
B119 SGL B120A PAIR B120B PAIR	3 - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST	D2 D2	Α	HM PT HM PT	F1 F3 F3	-	H1	J2 J1 J1		S1 1 S1 6 S1 6	65 65		-	- - -		B204A B204B B205	SGL 3' - (SGL 3' - (7' 0" 7' 0" 7'	" - 0"	/4" WD : /4"	ST D3 ST D1	A A -	HM PT HM PT	Г F	5A A A 5B A	H1 H1 H2	J1 J1 J2	S1 S1 S1	02 02 15	-	-	- - -	
B121A SGL B121B SGL B122A SGL	3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" A 1 3/4" A 1 3/4" W		D3 D3	Α	AL AN HM PT	F11B F10B F5B	C C	H11 H11 H2	J11,J12 J11,J12 J2	2 5	S2, S3 2 S2, S3 1 S1 2	24 18 25		-	- - -		B206 B207 B208	PAIR 3' - (SGL 3' - (PAIR 3' - ("." 7' " 7' " 7'	" - 0"	/4" WD /4" WD /4" WD	D3 ST D1 ST D3	- A	HM PT HM PT	ΓΙ	118 A A 118 A A	H2 H2 H2	J2 J2 J2	S1,S5 S1 S1,S5	26 15 26	-	-	- - -	
B122B SGL B123 SGL B124 SGL	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST D ST	D3 D1 D1		HM PT HM PT HM PT	F5A F1 F1	- -	H2	J2 J2 J1		S1 2 S1 1 S1 4	25 15 40		-	- - -		B209A B209B B210A	SGL 3' - 0 SGL 3' - 0 SGL 3' - 0)" 7')" 7')" 7'	7' - 0"	/4" WD /4" WD /4" WD	ST D1 ST D1 ST D3	- - A	HM PT HM PT HM PT	Г I	=1	H1 H1 H1	J1 J1 J1	S1 S1 S1	20 20 03	-		- - -	
B126 SGL B130 PAIR B130A PAIR	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" A	D ST D ST L AN	D2 D3 D3	A A C	HM PT HM PT AL AN	F1 F3 F12	- C	H1 H1 H11	J1 J1 J11,J12		S1 1 S1 6 S2 6	10 65 61		-	- - -		B210B B211A B212	SGL 3'-0)" 7')" 7')" 7'	" - 0"	/4" WD	ST D3 ST D3 ST D3	A A A	HM PT HM PT HM PT	Г .	5B A A 18 A	H1 H1 H2	J1 J1 J2	S1 S1 S1,S5	03 43 26	-	-	- - -	
B130B PAIR UNIT C C101 SGI	3' - 0"	7' - 0"	1 3/4" A	L AN	D3	А	AL AN HM PT	F3	-	H4 H2	J2		S1 0	07	-	-	- -		1	SGL 3' - (PAIR 3' - (SGL 3' - ()" 7')" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/	/4" WD 3 /4" WD 3 /4" WD 3	ST D1	- A	HM PT	Г I	10 A F 1	H2 H2 H1	J2 J2	S1,S5 S1,S5 S1	13 26 20	-	-	- - -	
C101 SGL C102A PAIR C102B SGL C103A SGL	3' - 0"	7' - 0"	1 3/4 W 1 3/4" W 1 3/4" A		D3	A C	HM PT AL AN HM PT	F18 F9	A C	H2 H11	J2 J2 J11,J12	2 8	S1,S5 2 S2, S3 3	26 33	-	-	-		B215B B216A	SGL 3' - 0)" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/	/4" WD /4" WD	ST D1	- A	HM PT	Г I	5A A A 5B A	H1 H1	J1 J1	S1 S1	20 02	-	-	-	
C103A SGL C103B SGL C104A SGL	3' - 0" 3' - 0"	7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST	D1 D3	- A	HM PT HM PT	F1 F1 F5B	- A	H1 H1	J1 J1 J1		S1 2 S1 2 S1 0	20		-	- - -		B217 B218	SGL 3' - (SGL 3' - (PAIR 3' - ()" 7')" 7'	" - 0"	/4" WD	6T D1	- A	HM PT HM PT	ΓΙ	5B A 7	H1 H2 H2	J1 J2 J2	S1 S1 S1,S5	13 26	-	-	- - -	
C104B SGL C105 SGL C106A PAIR	3' - 0" 3' - 0"	/' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	_ .	D3 D1 D3	- A	HM PT HM PT	F5A F1 F18	- A	H2 H2	J1 J2 J2		S1 0 S1 1 S1,S5 2	13 26	- - -	-	- - -		B220A B220B	SGL 3' - 0 PAIR 3' - 0 PAIR 3' - 0	7' 0" 7' 0" 7'	- 0"	/4" WD : /4"	D1 D1 D2	- A A	HM PT HM PT	Г	=1	H2 H1 H1	J2 J1 J1	S1 S1 S1	65 65	-		- - -	
C106B SGL C107 SGL C108A PAIR	3' - 0" 3' - 0" 3' - 0"		1 3/4" A 1 3/4" W 1 3/4" W		D3 D1 D3	-	AL AN HM PT HM PT	F8A F1 F18	C - A	H2	J11,J12 J2 J2		S2, S3 3 S1 1 S1,S5 2	33 13 26		-	- - -		B221 B224 UNIT C	SGL 3' - 0 SGL 3' - 0)" 7')" 7'	7' - 0" 1 3/ 7' - 0" 1 3/	/4" WD /4" WD	ST D3	A -	HM PT	ΓΙ	5A A)	H14 H1	J14 J1	S1 S1	25	-	-	-	
C108B SGL C109A SGL C109B SGL	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"		D ST	D3 D1 D1		AL AN HM PT HM PT	F8B F1 F1	C -	H11 H1 H1	J11,J12 J1 J1		S2, S3 3 S1 2 S1 2	33 20 20	-		- - -		C201 C202 C203A)" 7')" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/	/4" WD	ST D1 ST D3 ST D1	- A -	HM PT HM PT HM PT	Г Е	-1	H2 H2 H1	J2 J2 J1	S1 S1,S5 S1	13 26 20	-	- - -	- - -	
C110A SGL C110B SGL C111 PAIR	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST D ST	D3 D3	A A	HM PT HM PT HM PT	F5B F5A F3	A	H1 H1	J1 J1 J1		S1 0 S1 0 S1 2	03 03 26		-	- - -		C203B C204A	SGL 3' - 0)" 7')" 7' '' ''	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/	/4" WD :	ST D1 ST D3 ST D3		HM PT HM PT	Г I	5A A A 5B A	H1 H1 H1	J1 J1 J1	S1 S1 S1	20 02 02	-	-	- - -	
C112A PAIR C112B SGL	3' - 0"	7' - 0" 7' - 0"	1 3/4" W 1 3/4" A	D ST L AN	D3	A C	HM PT AL AN	F18 F8A	A	H2 H11	J1 J2 J11,J12	2 5	S1,S5 2 S2, S3 3	26 33	-	-	-		C205 C206	SGL 3' - 0)" 7'	" - 0" 1 3/	/4" WD :	ST D1 ST D3	- A	HM PT	Г I	=1	H2 H2	J2 J2	S1 S1,S5	13 26	-	-	-	
C113 SGL C114A PAIR C114B SGL	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" A	D ST L AN	D3	A C	HM PT HM PT AL AN	F1 F18 F8B	A C	H2 H2 H11	J2 J2 J11,J12	2 5	S1 1 S1,S5 2 S2, S3 3	26 33		-	- - -		C208 C209A	SGL 3' - (PAIR 3' - (SGL 3' - (7' 0" 7' 0" 7'	- 0	/4" WD : /4" WD : /4" WD :	ST D1 ST D3 ST D1	A -	HM PT HM PT	,	18 A 3	H2 H2 H1	J2 J2 J1	S1 S1,S5 S1	26 20	-	-	- - -	
C115A SGL C115B SGL C116A SGL	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" W	D ST D ST	D1 D1 D3	- A	HM PT HM PT HM PT	F1 F1 F5A	- - A	H1 H1	J1 J1 J1		S1 2 S1 2 S1 0	20 20 02		-	- - -		C210A C210B	SGL 3' - ()" 7'	" - 0"	/4" WD :	ST D1 ST D3 ST D3	A A	HM PT		5A A D	H1 H1 H1	J1 J1 J1_	S1 S1 S1	20 03 03	-	-	- - -	
C116B SGL C117 SGL C118A PAIR	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" W 1 3/4" W 1 3/4" W	D ST	D3 D1 D3	-	HM PT HM PT HM PT	F5B F1 F18	- A	H1 H2 H2	J1 J2 J2		S1 0 S1 1 S1,S5 2)2 13 26		-	- - -		C213	PAIR 3' - (SGL 3' - ()" 7')" 7')" 7'	" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/	/4" WD :	ST D3 ST D3 ST D1	A -	HM PT HM PT HM PT	Г I	-3 A A 18 A - 18 - 1	H1 H2 H2	J1 J2 J2	S1 S1,S5 S1	43 26 13			- - -	
C118B SGL C119 SGL	3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0"	1 3/4" A 1 3/4" W	L AN D ST	D3 D1 D2	C -	AL AN HM PT HM PT	F8A F1 F3	C -	H12 H2	J12 J2 J1	S	S2, S3 3 S1 1 S1 6	33 13 65		-	- - -		C214 C215A	PAIR 3' - 0		" - 0" 1 3/ " - 0" 1 3/ " - 0" 1 3/	/4" WD	ST D3 ST D1 ST D1	=	HM PT HM PT	Г і	18 A = 1 = 1 = 1	H2 H1 H1	J2 J1 J1	S1,S5 S1 S1	26 20 20			- -	
	· · ·			D ST	D2		HM PT	F3	} -	H1	J1		S1 6	65	-	-	-		C216A	SGL 3' - ()" 7'	" - 0" 1 3/	/4" WD	ST D3 ST D3	А	HM PT	Г Е	5A A	H1	J1	S1	02	-	-	-	
	3' - 0"	7' - 0" 7' - 0"		L AN	D3	С	AL AN	F11A	<u> </u>	H11	J11,J12	2 8	S2, S3 2	<u> </u>	-	-	-		C216B	SGL 3'-0)" /'	" - 0" 1 3/	/4" WD	51 50		I IIVI I I	I F	5B A 3	H1	J1	S1	02	-	-	-	

LASS SCHEDULE

AND 1/2" AIRSPACE BBREVIATIONS LEGEND

ENERAL DOOR NOTES

- HESE GENERAL NOTES APPLY TO THE DOOR SCHEDULE. OOR AND FRAME NUMBERS CORRESPOND TO RESPECTIVE ROOM
- JMBER. IN ROOMS WITH MULTIPLE OPENINGS, A NUMERICAL SUFFIX HAS EEN ADDED TO DOOR NUMBERS.
- ERTICAL FRAMING MEMBERS AT ALL DOOR FRAMES SHALL EXTEND TO TRUCTURE ABOVE.
- NDERCUT ALL DOORS AS REQUIRED BY FINAL FINISH. ROVIDE CONTINUOUS SEALANT BETWEEN HOLLOW METAL FRAME
- ERIMETERS AND SURROUNDING WALL CONSTRUCTION. ROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR AND EXTERIOR WINDOW, CURTAINWALL AND STOREFRONT FRAME PERIMETERS AND
- URROUNDING CONSTRUCTION UNLESS NOTED OTHERWISE. ROUT FULL HOLLOW METAL FRAMES IN MASONRY CONSTRUCTION. POT GROUT HOLLOW METAL FRAMES IN GYPSUM WALLS.
- HERE A FIRE RATING IS INDICATED ON THE DOOR SCHEDULE, HARDWARE ND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF
- VHERE AN STC RATING IS INDICATED ON THE DOOR SCHEDULE, HARDWARE ND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF
- NSTALL DOOR GLASS USING WET GLAZING METHOD. LL LINTELS ABOVE EXTERIOR OPENINGS SHALL BE GALVANIZED.
- REFER TO SHEETS AXXX & AXXX FOR ADDITIONAL DOOR, FRAME AND ORROWED LITE ELEVATIONS. OORDINATE THROAT OPENINGS WITH WALL WIDTH FOR ALL WRAP
- ROUND FRAMES. CHEDULED HARDWARE FOR ALUMINUM DOORS SHALL BE PROVIDED BY IARDWARE SUPPLIER AND INSTALLED BY ALUMINUM SUPPLIER. ALUMINUM OORS TO BE PREPARED BY ALUMINUM DOOR SUPPLIER IN ACCORDANCE
- L NEW HOLLOW METAL DOORS, FRAMES AND BORROWED LITE FRAMES O BE PAINTED AS INDICATED ON THE A800 SERIES FINISH PLANS. SEE INISH PLANS FOR WOOD DOOR FINISHES.
- ROVIDE SILENCERS ON ALL DOOR FRAMES. E STRUCTURAL DRAWINGS FOR REQUIREMENTS FOR MASONRY AND TEEL LINTELS. PROVIDE STRUCTURAL STEEL LINTELS AT OPENINGS
- PENINGS WHERE INDICATED ON THE STRUCTURAL STEEL DRAWINGS IN IEU OF MASONRY LINTEL AS SHOWN IN THESE DETAILS. ERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO ABRICATION OF DOORS AND FRAMES. BRING DISCREPANCIES TO THE
- TTENTION OF THE ARCHITECT. FRAMES OPPOSITE OF A FRAMES. SEE PLANS AND ELEVATIONS FOR REF.

- SULATED OVERHEAD COILING DOOR.
- ISTING FRAME TO REMAIN. IIS WINDOW / FRAME SHALL BE LAMINATED GLAZING MINIMUM 7'-0" ABOVE
- INISH FLOOR ELEVATION, OR TO CLOSEST MULLION OVER 7'-0" ABOVE FINISH FLOOR. REMAINING GLAZING ABOVE 7'-0" TO BE TEMPERED. REFER TO GLAZING SCHEDULE FOR INSULATING OR NON-INSULATING GLAZING.
- RAME, VIF ALL DIMENSIONS. OTORIZED ROLLER WINDOW SHADE, FULL WIDTH OF VISION PART OF
- OOR FRAME, VIF ALL DIMENSIONS.

INDOW REMARKS



HAMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 LANTERN RD, FISHERS, IN 46038

SCOPE DRAWINGS: These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

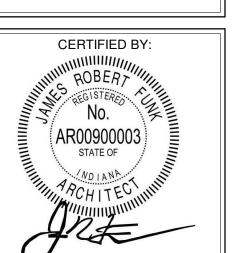
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

> **REVISIONS:** ADD #3 02/09/2024

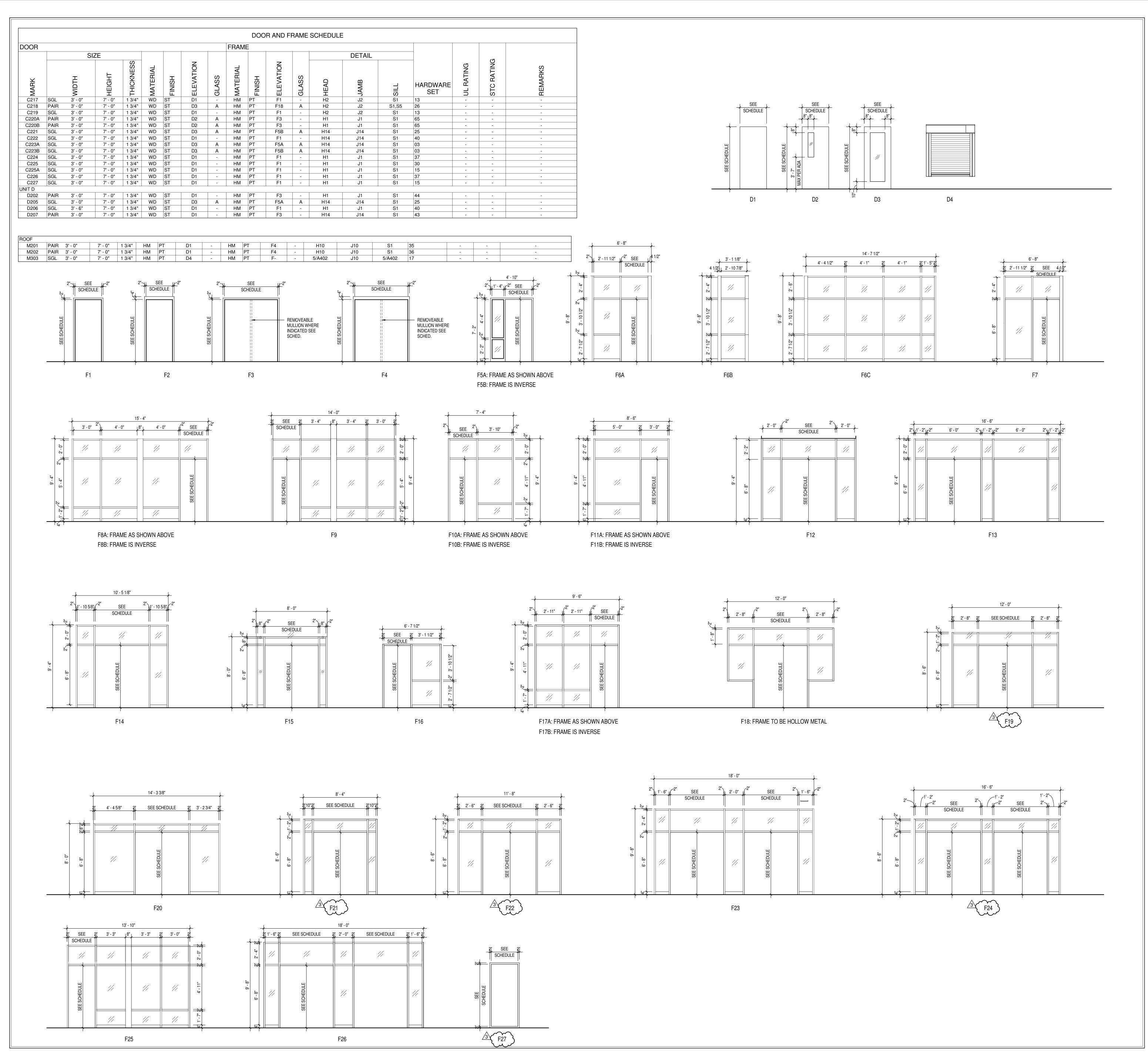
ISSUE DATE DRAWN BY CHECKED BY

01/15/2024 JNC ECN

DRAWING TITLE:



DRAWING NUMBER A501



GLASS SCHEDULE

A. 5/16" CLEAR LAMINATED GLAZING

B. 3/8" TEMPERED SCHOOL GUARD GLAZING
C. 1 1/16" THICK LAMINATED, LOW E, INSULATING GLAZING WITH 2 PANES 1/4" GLASS
AND 1/2" AIRSPACE

ABBREVIATIONS LEGEND

AL = ALUMINUM AN = ANODIZED

BL = BORROWED LITE GHM = GALVANNEALED HOLLOW METAL

GL = GLASS HM = HOLLOW METAL

PT = PAINT ST = STAIN SS = STAINLESS STEEL

STL = STEEL WD = WOOD 90M = 90 MINUTE ASSEMBLY RATING

GENERAL DOOR NOTE

= SEE REMARKS COLUMN FOR NOTES

- A. THESE GENERAL NOTES APPLY TO THE DOOR SCHEDULE.
 B. DOOR AND FRAME NUMBERS CORRESPOND TO RESPECTIVE ROOM NUMBER. IN ROOMS WITH MULTIPLE OPENINGS, A NUMERICAL SUFFIX HAS BEEN ADDED TO DOOR NUMBERS.
- C. VERTICAL FRAMING MEMBERS AT ALL DOOR FRAMES SHALL EXTEND TO STRUCTURE ABOVE.

 D. UNDERCUT ALL DOORS AS REQUIRED BY FINAL FINISH.
- PROVIDE CONTINUOUS SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION.
- F. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR AND EXTERIOR WINDOW, CURTAINWALL AND STOREFRONT FRAME PERIMETERS AND SURROUNDING CONSTRUCTION UNLESS NOTED OTHERWISE.
 G. GROUT FULL HOLLOW METAL FRAMES IN MASONRY CONSTRUCTION.
- H. SPOT GROUT HOLLOW METAL FRAMES IN GYPSUM WALLS.
 I. WHERE A FIRE RATING IS INDICATED ON THE DOOR SCHEDULE, HARDWARE AND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF THAT LABEL.
- J. WHERE AN STC RATING IS INDICATED ON THE DOOR SCHEDULE, HARDWARE AND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF
- K. INSTALL DOOR GLASS USING WET GLAZING METHOD.L. ALL LINTELS ABOVE EXTERIOR OPENINGS SHALL BE GALVANIZED.
- M. REFER TO SHEETS AXXX & AXXX FOR ADDITIONAL DOOR, FRAME AND BORROWED LITE ELEVATIONS.

WITH THE SCHEDULED HARDWARE.

- N. COORDINATE THROAT OPENINGS WITH WALL WIDTH FOR ALL WRAP AROUND FRAMES.
 O. SCHEDULED HARDWARE FOR ALUMINUM DOORS SHALL BE PROVIDED BY HARDWARE SUPPLIER AND INSTALLED BY ALUMINUM SUPPLIER. ALUMINUM DOORS TO BE PREPARED BY ALUMINUM DOOR SUPPLIER IN ACCORDANCE
- P. ALL NEW HOLLOW METAL DOORS, FRAMES AND BORROWED LITE FRAMES TO BE PAINTED AS INDICATED ON THE A800 SERIES FINISH PLANS. SEE FINISH PLANS FOR WOOD DOOR FINISHES.
- Q. PROVIDE SILENCERS ON ALL DOOR FRAMES.
 R. SEE STRUCTURAL DRAWINGS FOR REQUIREMENTS FOR MASONRY AND STEEL LINTELS. PROVIDE STRUCTURAL STEEL LINTELS AT OPENINGS
- OPENINGS WHERE INDICATED ON THE STRUCTURAL STEEL DRAWINGS IN LIEU OF MASONRY LINTEL AS SHOWN IN THESE DETAILS.

 S. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO
- FABRICATION OF DOORS AND FRAMES. BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT.
- T. B FRAMES OPPOSITE OF A FRAMES. SEE PLANS AND ELEVATIONS FOR REF.

DOOR REMARKS

- INSULATED OVERHEAD COILING DOOR.
 EXISTING FRAME TO REMAIN.
- THIS WINDOW / FRAME SHALL BE LAMINATED GLAZING MINIMUM 7'-0" ABOVE FINISH FLOOR ELEVATION, OR TO CLOSEST MULLION OVER 7'-0" ABOVE
- FINISH FLOOR. REMAINING GLAZING ABOVE 7'-0" TO BE TEMPERED. REFER TO GLAZING SCHEDULE FOR INSULATING OR NON-INSULATING GLAZING.
- 4. MANUAL SINGLE ROLLER SHADE, FULL WIDTH OF VISION PART OF DOOR FRAME, VIF ALL DIMENSIONS.
- 5. MOTORIZED ROLLER WINDOW SHADE, FULL WIDTH OF VISION PART OF DOOR FRAME, VIF ALL DIMENSIONS.

WINDOW REMARKS

1A. MANUAL SINGLE ROLLER SHADE, FULL WIDTH OF WINDOW
2A. BLACKOUT ROLLER SHADE, FULL WIDTH OF WINDOW
3A. MOTORIZED DUAL ROLLER SHADE, FULL WIDTH OF WINDOW
4A. MOTORIZED SINGLE ROLLER SHADE, FULL WIDTH OF WINDOW





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HAMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 LANTERN RD, FISHERS, IN 46038

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

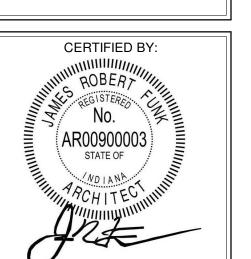
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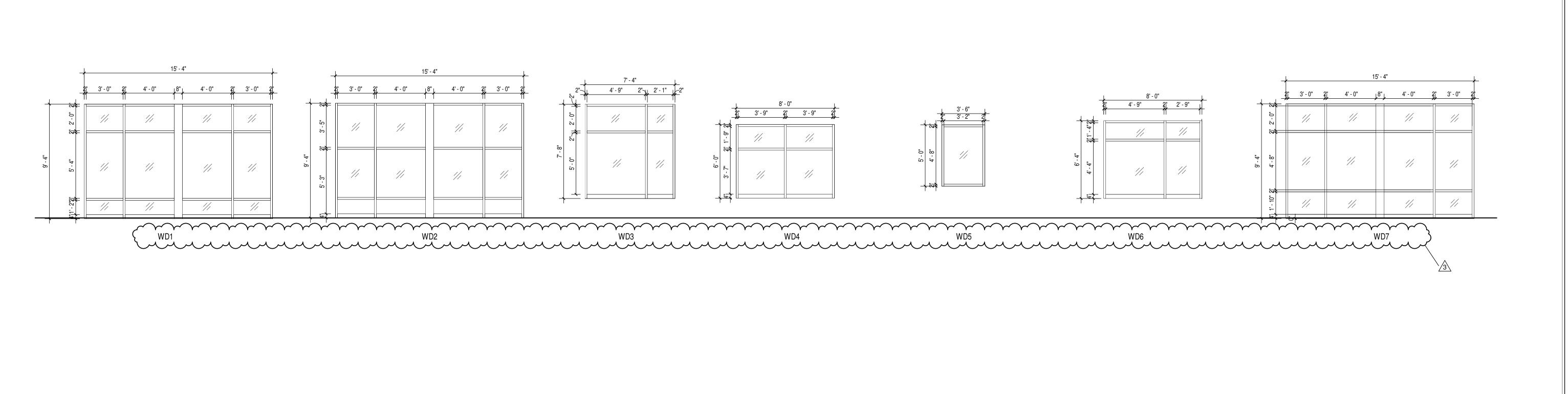
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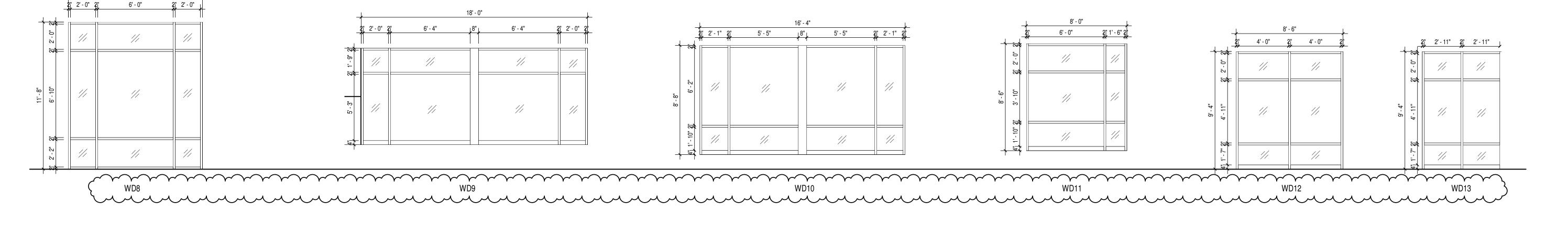
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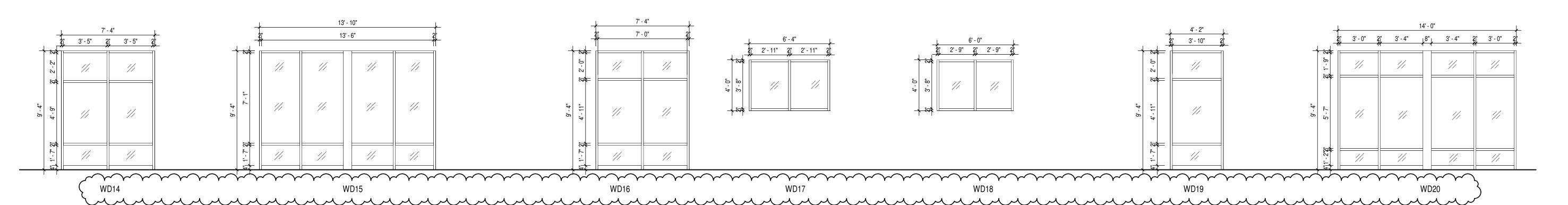
DOOR AND
FRAME
ELEVATIONS



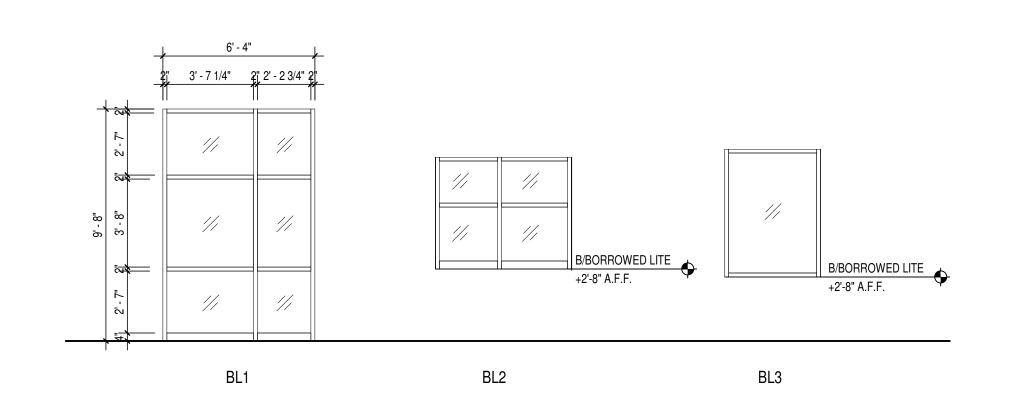
A502







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



BORROWED LITE ELEVATIONS

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

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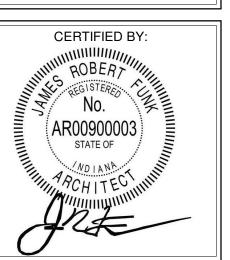
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REVISIONS: 3 ADD #3 02/09/2024

ISSUE DATE DRAWN BY CHECKED BY 01/15/2024 JNC ECN

DRAWING TITLE:
WINDOW
ELEVATIONS



A503

2021119

				CASE	EWORK SCHEDULE - BASE CASEWORK
Type Mark	Description	Spec. Section	Manufacturer	Model	Size Type Comments
	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10374	30"W x 32"H x 24"D
B2	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10374	36"W x 32"H x 24"D
B3	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10421	18"W x 32"H x 24"D
B4	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10129	36"W x 32"H x 24"D
B5	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10317	15"W x 32"H x 24"D
B6	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10422	21"W x 32"H x 24"D
B7	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10512	36"W x 19"H x 24"D
B9	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10512	36"W x 24"H x 24"D
B10	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10318	30"W x 29"H x 24"D
B11	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10129	30"W x 29"H x 24"D
B12	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10101	18"W x 29"H x 24"D
B13	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10329	15"W x 29"H x 24"D
B14	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10316	15"W x 29"H x 24"D
B15	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10129	24"W x 29"H x 24"D
B16	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10475	36"W x 29"H x 29"D
B17	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10432	36"W x 32"H x 24"D
B18	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10129	27"W x 29"H x 24"D
B19	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10393	48"W x 29"H x 24"D
B20	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10430	30"W x 29"H x 24"D
B21	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10121	15"W x 29"H x 24"D
B22	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10101	30"W x 20"H x 14"D CUSTOM DIMENSIONS
B23	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10120	15"W x 29"H x 24"D
B24	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10129	39"W x 29"H x 24"D
B25	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10430	27"W x 29"H x 24"D
B26	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10430	24"W x 29"H x 24"D
B27	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10101	27"W x 20"H x 14"D
B28	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10430	30"W x 32"H x 24"D
B29	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10339	27"W x 32"H x 24"D
B86~~~	BASECASEWORK	1226,00	STEVENS/INDUSTRIES/	1.0339~~	18"Wx32"Hx24"D
B31	BASE CASEWORK	12 26 00	STEVENS INDUSTRIES	10430	24"W x 32"H x 24"D

CASEWORK SCHEDULE - TALL CASEWORK

Type Mark	Description	Spec. Section	Manufacturer	Model	Size	Type Comments
TS1	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	26129	36"W x 84"H x 24"D	
TS2	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	25129	36"W x 84"H x 24"D	
TS3	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	24561	39"W x 59"H x 24"D	
TS4	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	25680	48"W x 84"H x 24"D	
TS5	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	25681	48"W x 84"H x 24"D	
TS6	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	25543	15"W x 88"H x 24"D	
TS7	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	-	36"W x 58"H x 18"D	CUSTOM STUDENT CUBBIES
TS9	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	25544	15"W x 88"H x 24"D	
TS10	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	26129	48"W x 84"H x 24"D	
TS12	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	26668	36"W x 84"H x 24"D	
TS13	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	26121	24"W x 84"H x 24"D	
TS15	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	25561	48"W x 84"H x 24"D	
TS16	TALL CASEWORK	12 26 00	STEVENS INDUSTRIES	25129	33"W x 84"H x 24"D	

				CASEW	ORK SCHEDULE - WAL	L CASEWORK
Type Mark	Description S	Spec. Section	Manufacturer	Model	Size	Type Comments
W1	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	16129	30"W x 30"H x 14"D	
W2	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	16129	36"W x 30"H x 14"D	
W3	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15181	48"W x 25"H x 18"D	
W4	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	16120	18"W x 30"H x 14"D	
W5	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15251	36"W x 30"H x 14"D	
W6	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	16129	36"W x 18"H x 14"D	
W7	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15129	39"W x 25"H x 24"D	
W8	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15101	36"W x 30"H x 14"D	
W9	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	16129	24"W x 30"H x 14"D	
W10	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15181	48"W x 30"H x 18"D	
W11	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15129	36"W x 25"H x 18"D	
W12	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15129	36"W x 18"H x 18"D	
W13	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15129	48"W x 25"H x 18"D	
W14	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15129	48"W x 30"H x 18"D	
W15	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15120	15"W x 25"H x 24"D	CUSTOM DIMENSIONS
W16	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15129	30"W x 25"H x 18"D	
W17	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15129	30"W x 30"H x 18"D	
W19		12 26 00	STEVENS INDUSTRIES	15121	15"W x 25"H x 24"D	CUSTOM DIMENSIONS
W20		12 26 00	STEVENS INDUSTRIES	15129	39"W x 30"H x 14"D	
W21		12 26 00	STEVENS INDUSTRIES	15129	38"W x 30"H x 14"D	CUSTOM DIMENSIONS
W22		12 26 00	STEVENS INDUSTRIES	15129	27"W x 30"H x 18"D	
W23		12 26 00	STEVENS INDUSTRIES	15129	27"W x 25"H x 18"D	
W24		12 26 00	STEVENS INDUSTRIES	15121	15"W x 25"H x 18"D	
W25		12 26 00	STEVENS INDUSTRIES	15121	15"W x 30"H x 18"D	
W26		12 26 00	STEVENS INDUSTRIES	15129	24"W x 30"H x 18"D	
W27		12 26 00	STEVENS INDUSTRIES	15129	24"W x 25"H x 18"D	
W28		12 26 00	STEVENS INDUSTRIES	15181	48"W x 36"H x 18"D	
W29	WALL CASEWORK 1	12 26 00	STEVENS INDUSTRIES	15129	30"W x 36"H x 18"D	

				CASEWOR	K SCHEDULE - MISCELLANEOU	US ITEMS
Type Mark	Description	n Spec. Section	Manufacturer	Model	Size	Type Comments
FP1	FHLERPANEL	12 26 00	STEVENS INDUSTRIES	10805		
FP2 (FILLER PANEL }	12 26 00	STEVENS INDUSTRIES	10803		
FP3	FILLER PANEL \(\)	12 26 00	STEVENS INDUSTRIES	15803		
FP4	FILLER PANEL		STEVENS INDUSTRIES	15803		
FP5	FILLER PANEL	12 26 00	STEVENS INDUSTRIES			
FP6 {	FILLER PANEL)	12 26 00	STEVENS INDUSTRIES	15803		
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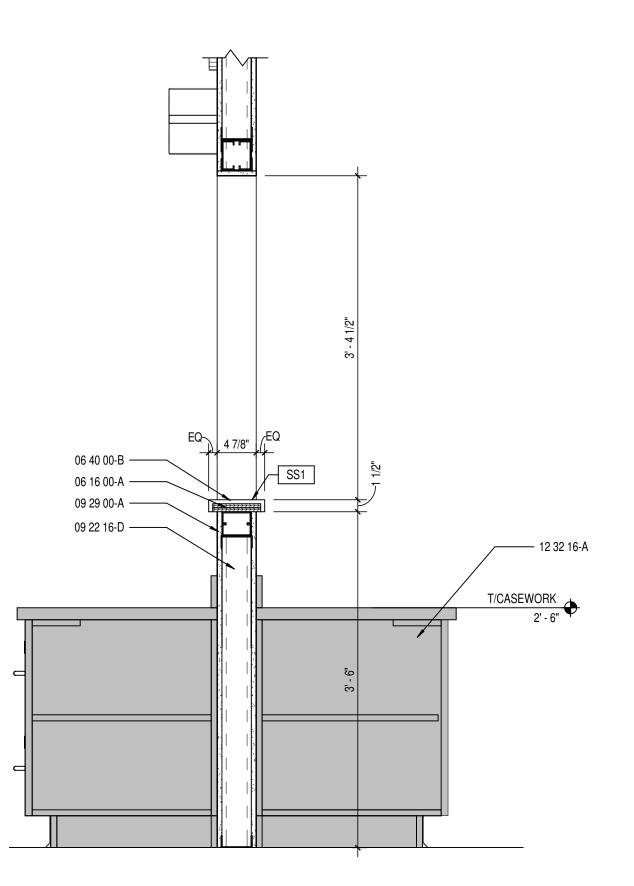
GENERAL CASEWORK NOTES

- A. PROVIDE FILLER PANELS AT ALL LOCATIONS WHERE CASEWORK IS FLANKED BY WALLS AS REQUIRED TO CLOSE OFF SPACE AND PROVIDE A NEAT, FINISHED INSTALLATION. PROVIDE EQUAL FILLER PANELS AT EITHER SIDE OF CASEWORK TO BALANCE APPEARANCE.
- B. PROVDIE FINISHED ENDS AT ALL CABINET SIDES PARTIALLY OR FULLY EXPOSED TO VIEW.
- C. SEE INTERIOR CASEWORK ELEVATIONS FOR DOOR SWING.
- D. PROVIDE COUNTER GROMMETS FOR ALL OPEN KNEE-SPACE COUNTERTOP INSTALLATIONS.
- E. REFER TO A800 SERIES DRAWINGS FOR FINISHES NOT NOTED ON EQUIPMENT PLANS AND CASEWORK ELEVATIONS.
- F. PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN KNEE SPACE TYP. FOR ALL CASEWORK.
- G. SEE REFLECTED CEILING PLANS FOR MOST ACCURATE CEILING HEIGHTS.H. CONFIRM FIELD DIMENSIONS PRIOR TO FABRICATION.
- PROVIDE ALL NECESSARY FURRING AND GROUNDS FOR CASEWORK.
 COORDINATE LOCATION OF BLOCKING WITHIN PARTITIONS FOR ITEMS TO BE
- J. CAULK CASEWORK TO ADJOINING FINISHED SURFACES WHERE APPLICABLE.

SECURED TO SURFACE. ALL FASTENERS SHALL BE CONCEALED.

K. REFER TO A900 SERIES FOR EQUIPTMENT SCHEDULE AND LOCATIONS.





TREASURER CASEWORK SECTION

SCALE: 1" = 1'-0"

Hamilton
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e Crossing, Indianapolis, IN 46240

8831 Keystone Crossing, Inc 317.848.7800 | c

ADDITIONS & RENOVATIONS TO FISHERS ELEMENTARY SCHOOL SCHOOL

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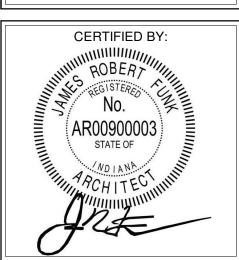
REVISIONS:

2 ADD #2 02/02/2024

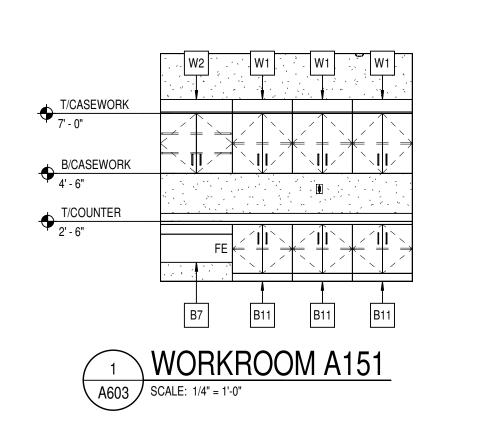
3 ADD #3 02/09/2024

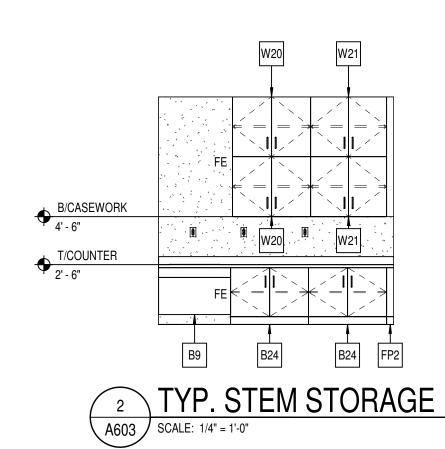
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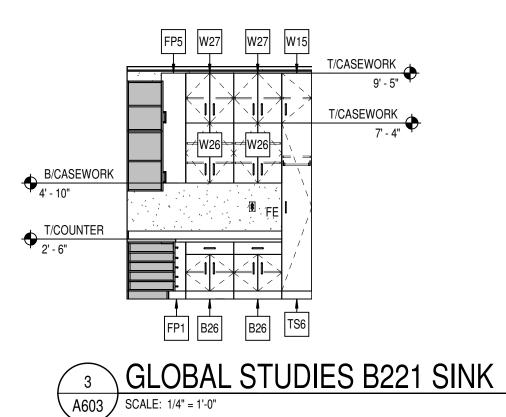
CASEWORK SCHEDULE

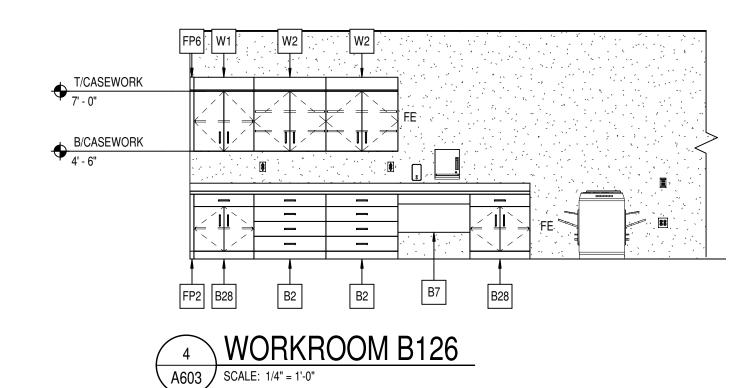


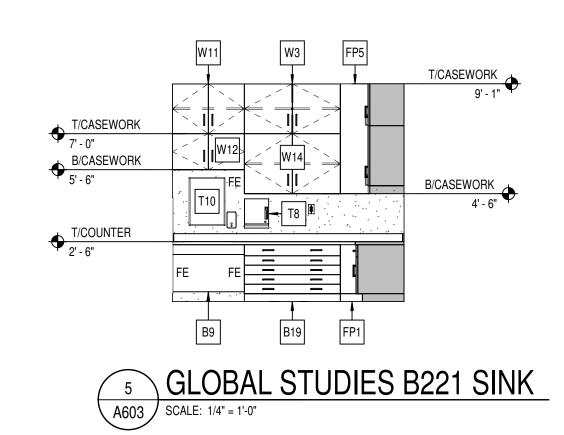
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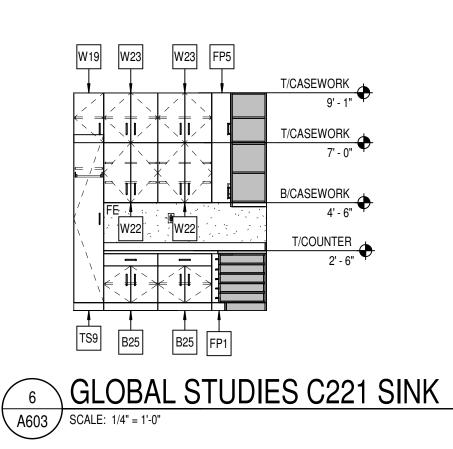


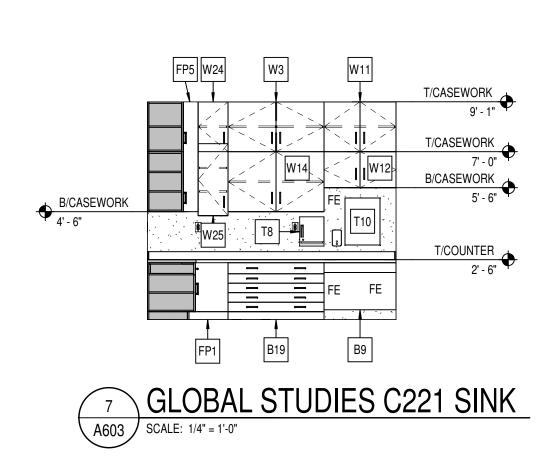


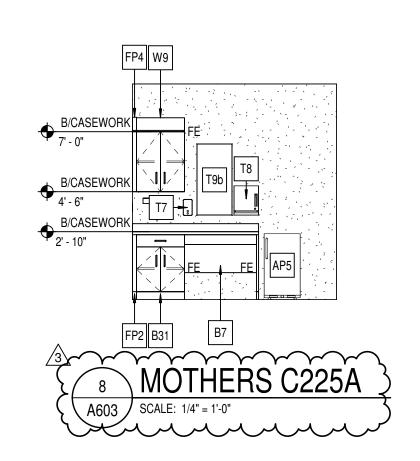












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- A. PROVIDE FILLER PANELS AT ALL LOCATIONS WHERE CASEWORK IS FLANKED BY WALLS AS REQUIRED TO CLOSE OFF SPACE AND PROVIDE A NEAT, FINISHED INSTALLATION. PROVIDE EQUAL FILLER PANELS AT EITHER SIDE OF CASEWORK TO BALANCE APPEARANCE.
- CASEWORK TO BALANCE APPEARANCE.

 PROVDIE FINISHED ENDS AT ALL CABINET SIDES PARTIALLY OR FULLY EXPOSED TO VIEW.
- C. SEE INTERIOR CASEWORK ELEVATIONS FOR DOOR SWING.
- D. PROVIDE COUNTER GROMMETS FOR ALL OPEN KNEE-SPACE COUNTERTOP INSTALLATIONS.
- E. REFER TO A800 SERIES DRAWINGS FOR FINISHES NOT NOTED ON EQUIPMENT PLANS AND CASEWORK ELEVATIONS.
- PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN KNEE SPACE TYP. FOR ALL CASEWORK.
- G. SEE REFLECTED CEILING PLANS FOR MOST ACCURATE CEILING HEIGHTS.H. CONFIRM FIELD DIMENSIONS PRIOR TO FABRICATION.
- PROVIDE ALL NECESSARY FURRING AND GROUNDS FOR CASEWORK.
 COORDINATE LOCATION OF BLOCKING WITHIN PARTITIONS FOR ITEMS TO BE
 SECURED TO SURFACE. ALL FASTENERS SHALL BE CONCEALED.
- J. CAULK CASEWORK TO ADJOINING FINISHED SURFACES WHERE APPLICABLE.
- K. REFER TO A900 SERIES FOR EQUIPTMENT SCHEDULE AND LOCATIONS.





HAMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 LANTERN RD, FISHERS, IN 46038

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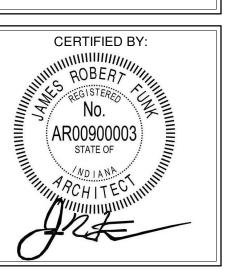
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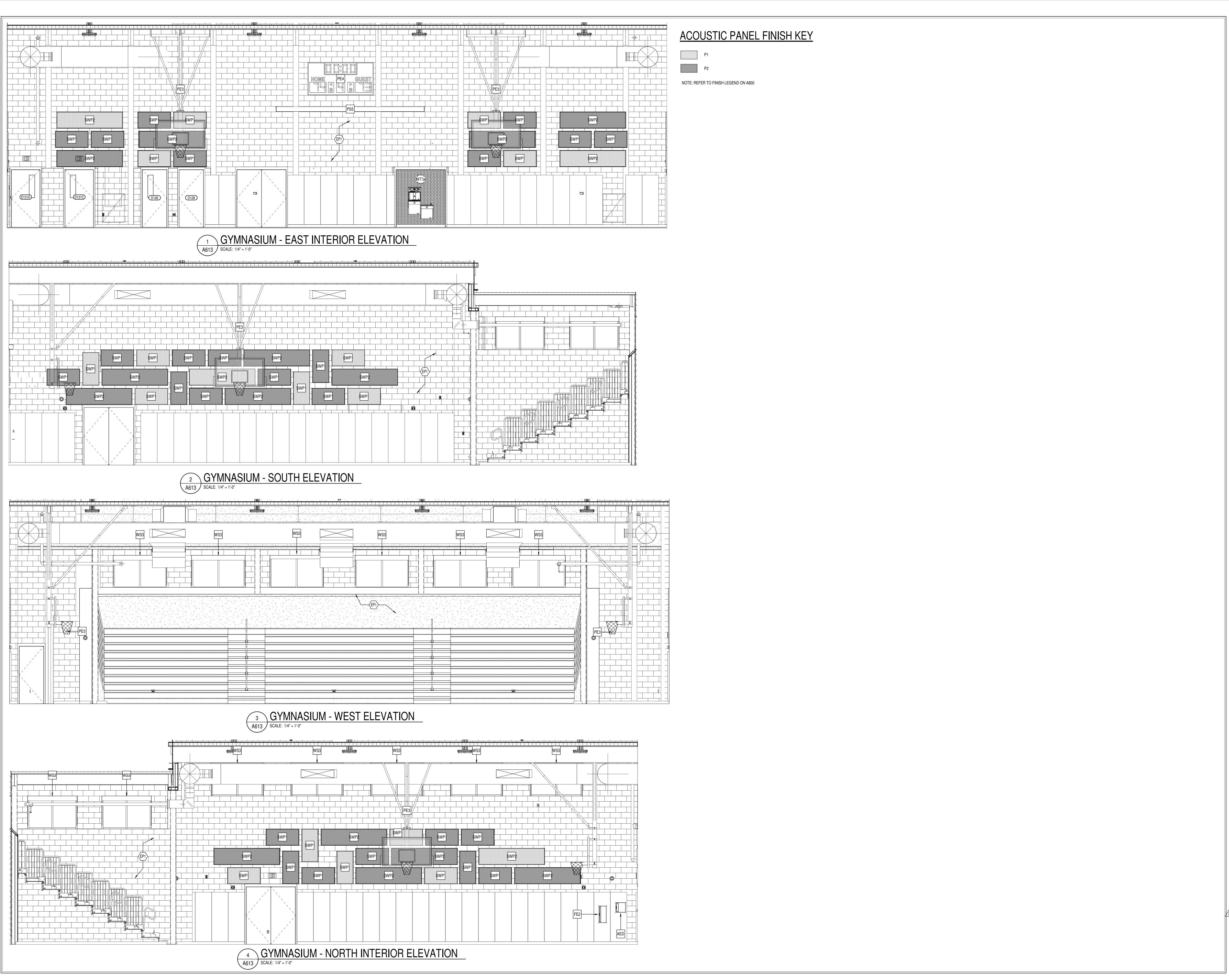
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CASEWORK ELEVATIONS



A603



Hamilton
Southeastern
Schools

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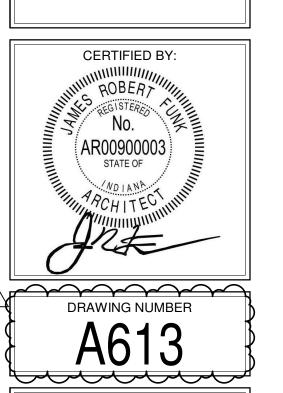
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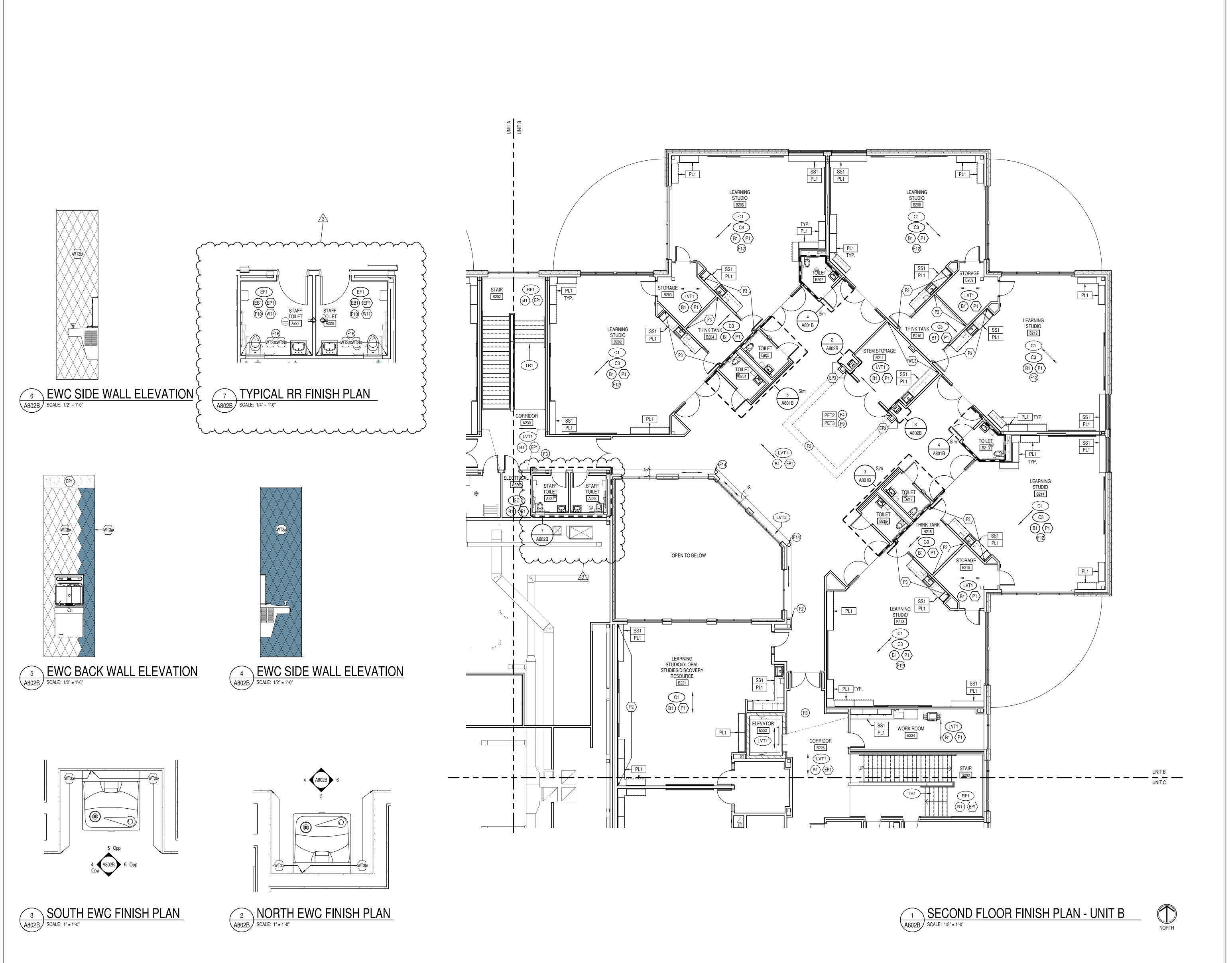
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INTERIOR
ELEVATIONS GYMNASIUM





GENERAL FINISH NOTES

- 1. ANY DISCREPANCIES WITHIN THE DOCUMENTS SHOULD BE BROUGHT TO THE ATTENTION OF CSO ARCHITECTS PRIOR TO INSTALLATION. THESE DOCUMENTS
- WILL GOVERN OVER PREVIOUS SUPPLEMENTAL DRAWINGS.

 2. THE SCHEDULED MATERIALS SHALL NOT BE INSTALLED BEFORE THE CONTRACTORS ACTUAL COLOR SUBMITTALS HAVE BEEN APPROVED, AS CALLED FOR IN THE SPECIFICATIONS. IF ANY MATERIAL IS INSTALLED BEFORE APPROVAL, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ERRONEOUS SPECIFICATIONS.
- 3. ALL SURFACES RECEIVING FINISHES SHALL BE PROPERLY PREPARED PER MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION. CONTRACTOR
- MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION. CONTRACTOR RESPONSIBLE FOR FIELD VERIFYING CONDITIONS.
- CONTRACTOR RESPONSIBLE FOR PROTECTING INSTALLED FINISHES AND FINISHES EXISTING TO REMAIN DURING CONSTRUCTION PROCESS.
 FOR CHANGE IN FLOOR FINISH MATERIAL, PROVIDE TRANSITION STRIP AT DOOR U.N.O. ALL TRANSITIONS TO BE THE NARROWEST PROFILE AVAILABLE THAT MEETS CODE/ADA REQUIREMENTS. G.C. IS TO SUBMIT COLOR SAMPLES OF
- SELECTION OF COLOR.

 6. WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING THE TRANSITION IS TO BE ON CENTER OF THE DOOR U.N.O.
- BE ON CENTER OF THE DOOR U.N.O.

 7. CARPET TO CARPET TRANSITIONS TO BE FEATHERED AS REQUIRED TO PROVIDE
 A SMOOTH TRANSITION FROM FINISH TO FINISH.

8. G.C. TO SUBMIT ALL FLOORING AND TILE PATTERNS FOR DESIGNER/ARCHITECT

RUBBER TRANSITION STRIPS TO ARCHITECT/DESIGNER FOR APPROVAL AND

- REVIEW AND APPROVAL PRIOR TO INSTALLATION.

 9. FLOORING TO BE INSTALLED IN DIRECTION OF ARROWS SHOWN ON FINISH PLAN.

 10. SEE INTERIOR PAINT SPECIFICATIONS FOR SCHEDULE OF COATING TYPE PER
- SUBSTRATE.

 11. PAINT WALLS BEFORE INSTALLING MARKER BOARDS, TACKBOARDS, ACOUSTIC
- PANELS, WALL MOUNTED EQUIPMENT, ETC.

 12. ALL WALL MOUNTED GRILLES, METAL PANELS, MISC. METALS, ETC. ARE TO BE
- ALL WALL MOUNTED GRILLES, METAL PANELS, MISC. METALS, ETC. ARE TO BE PAINTED TO MATCH THE ADJACENT WALL FINISH, U.N.O.
 CONTRACTOR TO ENSURE CLEAN, CRISP, LEVEL LINES BETWEEN ALL PAINT TRANSITIONS.
- PROVIDE A LEVEL 5 FINISH ON ALL WALLS RECEIVING WALLCOVERING.
 ALL GWB CEILINGS TO BE PAINTED (P9), U.N.O. SOFFITS/BULKHEADS TO HAVE FACES AND UNDERSIDES PAINTED TO MATCH ADJACENT WALLS, U.N.O. SEE REFLECTED CEILING PLANS AND SPECIFICATIONS FOR ALL CEILING MATERIALS AND THEIR LOCATIONS.

14. ALL COLUMNS TO BE PAINTED TO MATCH ADJACENT WALL, U.N.O..

- ALL HOLLOW METALS DOORS & FRAMES ARE TO BE PAINTED TO MATCH (P8).
 WOOD DOORS ARE TO BE PLAIN SLICED WHITE BIRCH STAINED TO MATCH DESIGNERS CONTROL SAMPLE. SEE SPECIFICATION FOR ADDITIONAL
- INFORMATION.

 19. ALL OUTSIDE GYPSUM BOARD CORNERS ARE TO RECEIVE SURFACE MOUNTED CORNER GUARDS AND EXTEND FROM TOP OF WALL BASE TO 7'-0" A.F.F., UNLESS OTHERWISE NOTED. COLOR TO BE SELECTED FROM MFR'S FULL RANGE. SEE 900 SERIES DRAWINGS AND SPECIFICATIONS FOR LOCATION AND ADDITIONAL INFORMATION.
- 20. WHERE WALL TILE OCCURS, SCHLUTER JOLLY TRIM TO BE USED AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, EXPOSED EDGES, TRANSITION FROM EPOXY COVE BASE TO WALL TILE, TOP OF WAINSCOT TILE, AND OUTSIDE CORNERS.
- COLOR TO BE SELECTED.

 21. WALL TILE TO BE INSTALLED WITH THE MINIMUM RECOMMENDED GROUT THICKNESS PER TILE MANUFACTURER. GROUT COLOR TO BE SELECTED FROM
- 22. SOLID PLASTIC TOILET PARTITIONS TO BE SELECTED FROM MFR'S FULL RANGE. PARTITIONS MUST MEET NFPA286.
 23. ALL TACK SURFACES TO MATCH (TS1), TYPICAL.
- 24. ALL WINDOW STOOLS ARE TO BE (SS2).
 25. GROUP RESTROOM SINKS TO BE TERREON SOLID SURFACE, COLOR (SILVER
- 26. CUBÍCLE CURTAINS TO BE SELECTED FROM MFR'S FULL RANGE. 27. ELEVATOR CAB FINISHES TO BE SELECTED FROM MFR'S FULL RANGE.
- 28. GYM EQUIPMENT FINISHES TO BE SELECTED FROM MFR'S FULL RANGE.29. LOCKER FINISH TO BE SELECTED FROM MFR'S FULL RANGE.30. ALL CUSTODIAL MOP SINK LOCATIONS TO RECEIVE FRP. LENGTH AS NECESSARY,
- MINIMUM OF 2'-0" ON EITHER SIDE OF SINK. FRP TO START AT TOP OF BASE AND RUN FULL PANEL WIDTH (4'-0"). COLOR TO BE SELECTED FROM MFR'S FULL RANGE.
- 31. STAIR COMPONENTS, INCLUDING RAILINGS, STRINGERS, AND RISERS, TO BE PAINTED (P8). DO NOT PAINT ANODIZED ALUMINUM.
 32. FOOD SERVICE EQUIPMENT TO RECEIVE (PL1), (QZ1), BLACK POWDER COATED
- BASE, AND BRUSHED STAINLESS STEEL UPRIGHTS/POSTS. SEE FOOD SERVICE DRAWINGS FOR EXTENT.

FINISH TAG KEY

XXX FLOOR FINISH

(XX) BASE FINISH

XX WALL FINISH

XXX HORIZONTAL FINISH (COUNTERTOP)
XXX VERTICAL FINISH (CASEWORK)

COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND

ACCENT WALL FINISH

FLOORING INSTALL DIRECTION

FINISH PLAN NOTES

- 1 NO FINISH WORK THIS AREA, UNLESS NOTED OTHERWISE.
- F2 ALIGN FLOOR TRANSITION WITH OUTSIDE CORNER OR AS INDICATED ON PLAN.
 F3 ALL FACES OF ABOVE BULKHEAD TO BE PAINTED IN COLOR INDICATED ON
- REFLECTED CEILING PLAN.
 F4 EXPOSED CEILING AND STRUCTURE TO BE PAINTED TO MATCH (P9).
- F4 EXPOSED CEILING AND STRUCTURE TO BE PAINTED TO MATCH (P9).

 F5 INSTALL ONE FULL COURSE OF (TB) FROM TOP OF FINISHED FLOOR. INSTALL (WT8)
 FROM TOP OF (TB) 20 FULL COURSES. (EP1) OR INDICATED WALL FINISH TO BE
 INSTALLED FROM TOP OF TILE WAINSCOT TO CEILING. UTILIZE SCHLUTER JOLLY IN
 BRUSHED STAINLESS STEEL BETWEEN TILE TYPES AND AT TOP OF WAINSCOT.
 REFERENCE 1/A800 FOR TYPICAL ELEVATION.
- 6 ACROVYN SHEET TO BE APPLIED ON BACK WALL, SIDE WALLS, AND INTERIOR CEILING OF NOOK. UTILIZE CLEAR CAULK AT INSIDE CORNERS AND SEAMS. REFER TO ADJACENT FINISH TAGS FOR COLOR SELECTION.
- 77 BACKSPLASH TILE TO SPAN WALL IN-BETWEEN CABINETS. VERTICAL STACK BOND INSTALLATION.
- F8 WALL MOUNTED ACOUSTIC PANELS IN THIS SPACE. WRAP WITH MATERIAL CALLED OUT IN ADJACENT FINISH TAG. REFERENCE A600 SERIES FOR EXTENT.
- F9 CEILING MOUNTED ACOUSTIC ELEMENTS IN THIS SPACE. COLOR TO BE AS INDICATED IN ADJACENT FINISH TAG ON PLAN.
- F10 INSTALL (WT1) FROM TOP OF EPOXY BASE TO 5'-4" A.F.F. (5 FULL COURSES). (EP1)
 TO BE PAINTED FROM TOP OF TILE WAINSCOT TO CEILING.

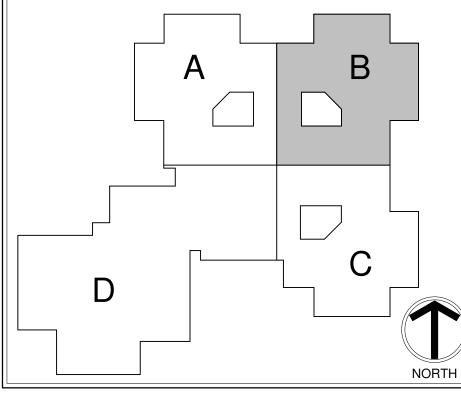
 E11 DIMENSIONAL SIGNAGE IN THIS LOCATION. REFERENCE 10/A604 FOR EXTENT
- F11 DIMENSIONAL SIGNAGE IN THIS LOCATION. REFERENCE 10/A604 FOR EXTENT.
 F12 CLASSROOM FIELD CARPET TO BE (C1). RANDOMLY INSTALL NOTED ACCENT CARPET FROM ENTRY DOOR/SGR TO MAKE UP APPROXIMATELY 20% OF
- CLASSROOM CARPET. REFERENCE 2/A801B FOR EXAMPLE.

 F13 UPHOLSTERED CUSHION. 3" THICK FOAM, SIZE TO BE 18" X 36" AND 18" X 18".

 UPHOLSTERY TO BE RANDOM MIX OF (UPH3), (UPH4), (UPH5), (UPH6), AND (UPH7).

 F14 COLUMN TO BE PAINTED TO MATCH (P8).
- F15 WALL PADDING TO BE INSTALLED TIGHT FROM TOP OF FINISHED FLOOR TO CEILING, INCLUDING BACK OF DOOR. COLOR TO BE SELECTED FROM MFR'S FULL RANGE.
- F16 MIX (WT2a) AND (WT2b) FOR INSTALL AND PERCENTAGE, SEE ELEVATION 3/A801A
 F17 TYPICAL CORRIDOR WALL TILE (WT8) TO END AT CORNER INDICATED ON PLAN.
 F18 EXPOSED ROOF DECK TO BE PAINTED (P9). EXPOSED ROOF STRUCTURE TO BE PAINTED (P7).

KEY PLAN





ing, Indianapolis, IN 46240

ADDITIONS & RENOVATIONS TO FISHERS ELEMENTARY SCHOOL

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ADD #3 02/09/2024

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SECOND FLOOR FINISH PLAN -

UNIT B

01/15/2024 KLV MEO

CERTIFIED BY:

ROBERT

NO.

AR00900003

STATE OF

NO.

AROH I TECHNING

DRAWING NUMBER
A802B

PROJECT NUMBER

2021119

ADDENDUM



ADDENDUM NO: 03

BID PACKAGE NO: N/A

PROJECT: 2024 – Fishers Elementary School Addition and Renovations

PROJECT NO: 2021119 DATE: 02/08/2024 BY: Josh Cannaday

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

ATTACHMENTS

Specifications:

•

Drawings:

L010, L101, L102, L103, L201, L202, L203, L401, L402, L410, L601, L602

PART 1 - GENERAL INFORMATION

1.1 Removal of and relocation of existing playground to be reused, shall be done by Recreation InSites. Contact Melissa Guffey at 317-201-7056 to coordinate.

PART 2 - BIDDING REQUIREMENTS

2.1 NOT USED

PART 3 - SPECIFICATIONS

3.1 NOT USED

PART 4 - DRAWINGS

- 4.1 L010
 - A. Added note to coordinate relocation of memorial tree with Owner and Landscape Architect.
- 4.2 L101
 - A. Updates to keynote legend.
 - B. Made adjustments at main entrance based on alignment and crosswalk comments received from City.
 - C. Updated Ramp Callouts

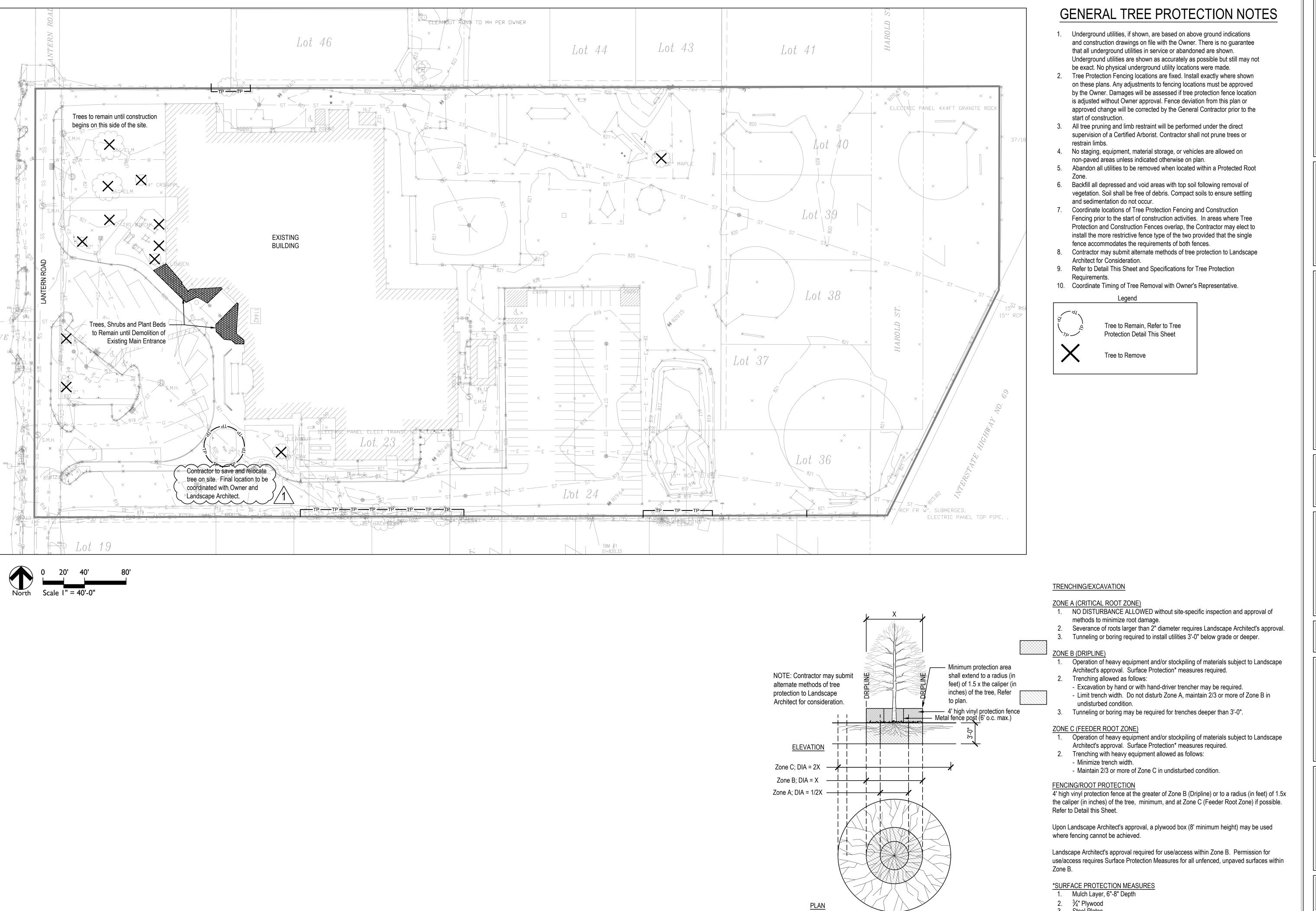
- 4.3 L102
 - A. Updated keynote identifying Synthetic turf outside of playground area as Alternate 07
 - B. Added detail reference for concrete wall.
- 4.4 L103
 - A. Play Equipment keynotes have been updated to 'E' for clarity.
 - B. Concrete post curb and concrete walk has been added at northeast corner of playground to create a dig pit. Owner to fill dig pit with pea gravel after construction.
- 4.5 L201
 - A. Update to entrance and islands near entrance.
 - B. Added overall dimensions at courtyards.
- 4.6 L202
 - A. Added overall dimensions at courtyards.
- 4.7 L203
 - A. Update jointing dimensions.
 - B. Update to overall dimensions of playground area.
- 4.8 L401
 - A. Update to mix of street trees along Lantern Road.
- 4.9 L402
 - A. Update to Synthetic Turf Note.
 - B. Update location of trees along Fence.
- 4.10 L410
 - A. Update tree and shrub quantities based on plan changes.
- 4.11 L601
 - A. Update to Detail 1.
 - B. Addition of One-Sided Flare Ramp within Detail 2.
- 4.12 L602
 - A. Update to reinforcing and footing within Concrete Art Wall Detail.
 - B. Addition of Curb at Dig Pit Detail



PART 5 - QUESTIONS AND ANSWERS

5.1 <u>NOT USED</u>

END ADDENDUM



TREE PROTECTION

Not To Scale

Steel Plates

PROJECT NUMBER



FISHERS ELEMENTARY SCHOOL
ADDITIONS & RENOVATIONS
100% CONSTRUCTION DOCUMENTS
11442 LANTERN
RD, FISHERS, IN
46038

SCOPE DRAWINGS: quirements of the Contract.
On the basis of the general scope indicated or descr

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TREE PROTECTION

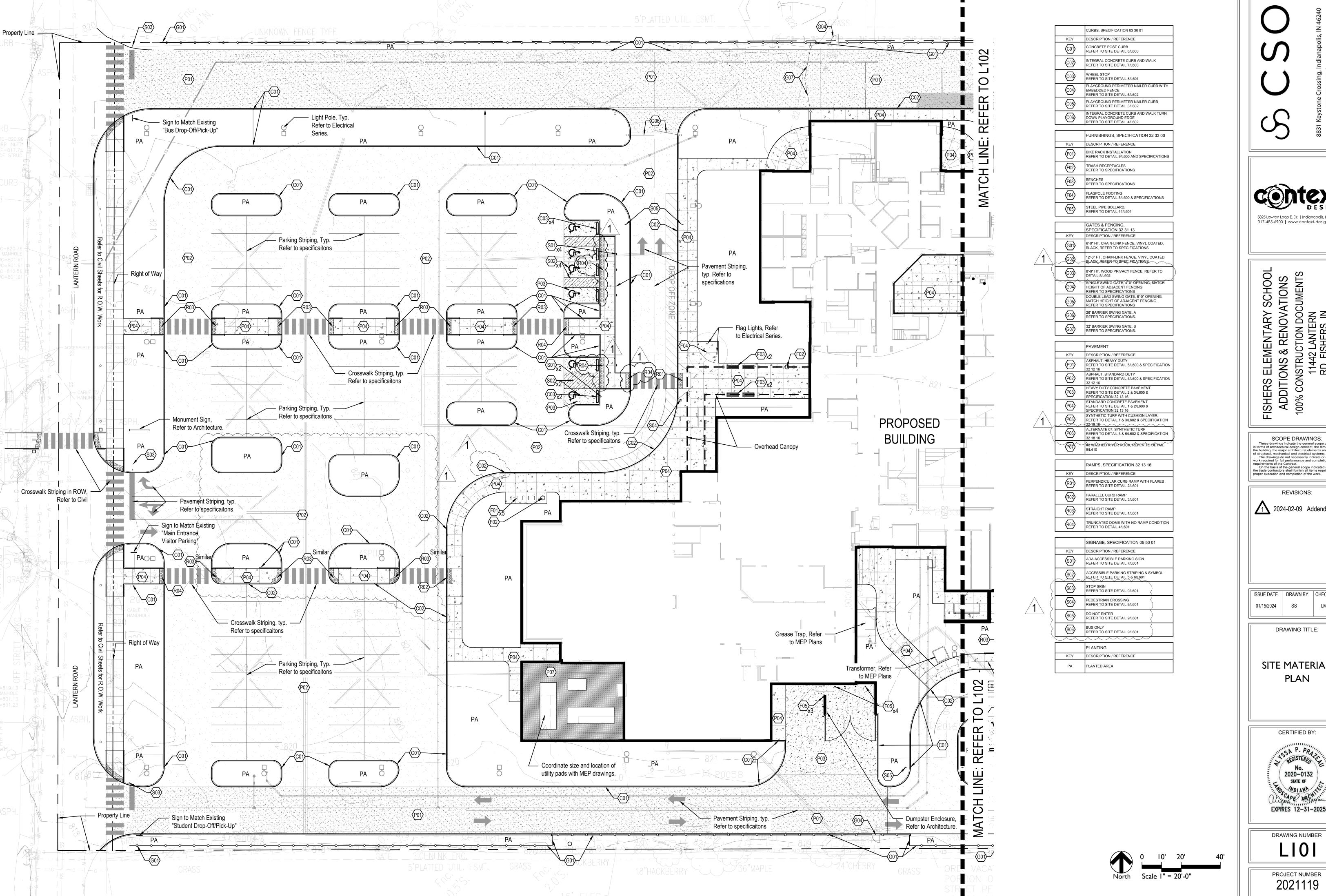
PLAN

LM



DRAWING NUMBER L010

2021119





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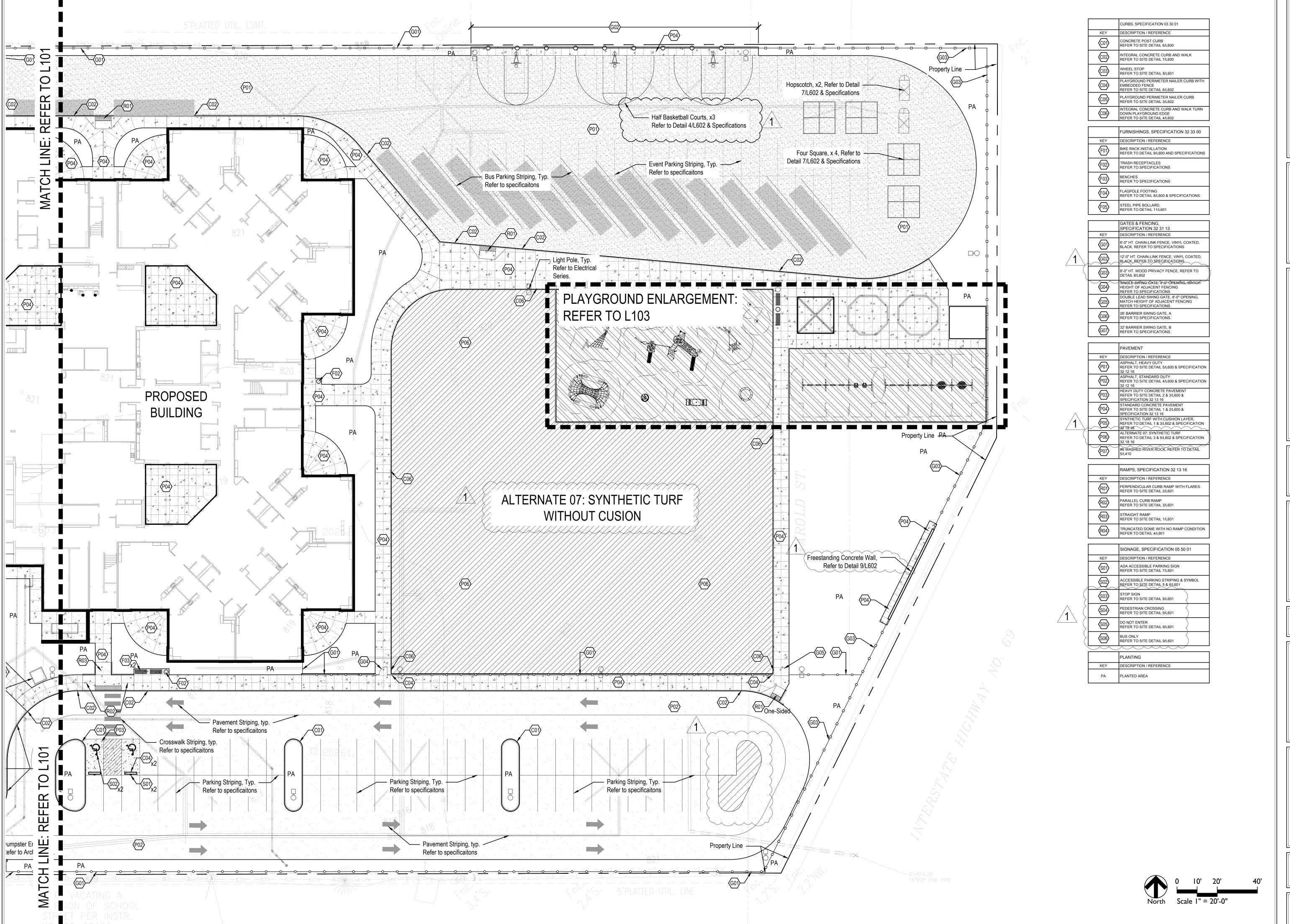
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DRAWING TITLE:

SITE MATERIALS **PLAN**

> CERTIFIED BY: SSA P. PRATTI 2020-0132 STATE OF LUXSON MESAN

DRAWING NUMBER LIOI





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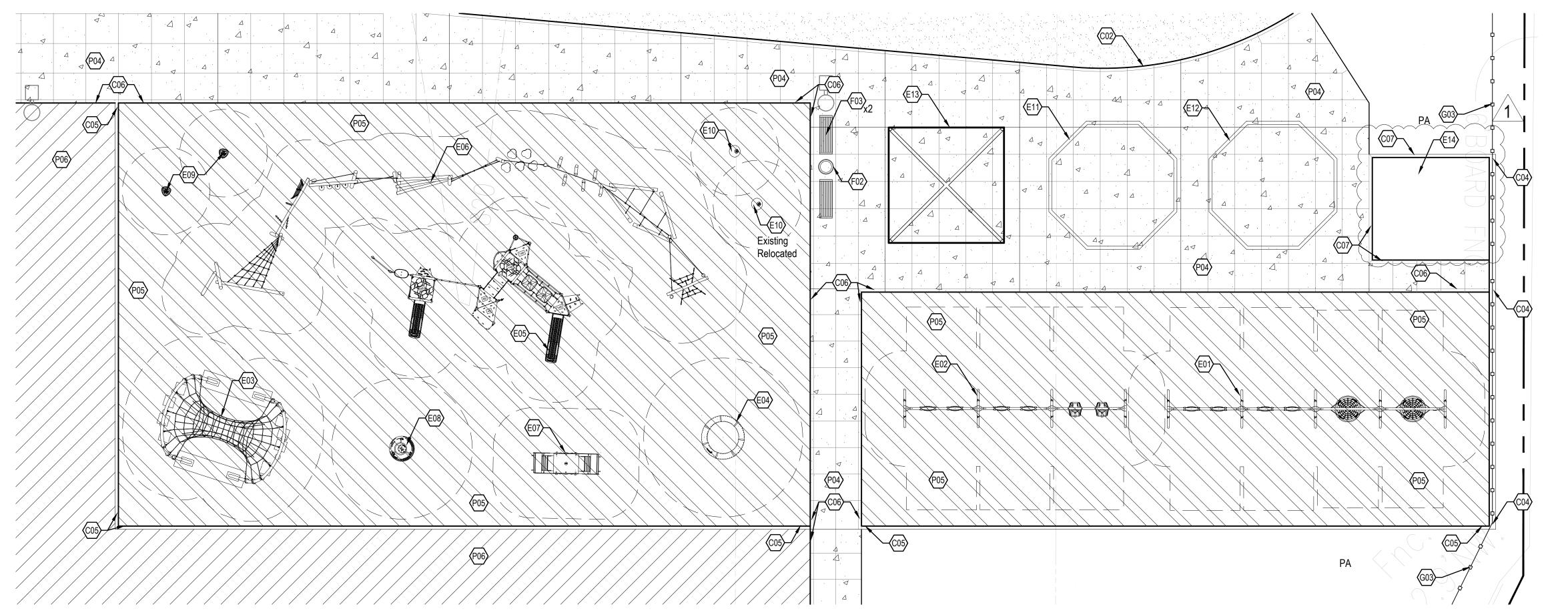
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DRAWING TITLE:

SITE MATERIALS **PLAN**



DRAWING NUMBER L102



PLAYGROUND ENLARGEMENT

	CURBS
KEY	DESCRIPTION / REFERENCE
€ 01 >	CONCRETE POST CURB REFER TO SITE DETAIL 6/L600
© 02	INTEGRAL CONCRETE CURB AND WALK REFER TO SITE DETAIL 8/L600
(C03)	WHEEL STOP REFER TO SITE DETAIL 8/L601
(C04)	PLAYGROUND PERIMETER NAILER CURB WITH EMBEDDED FENCE REFER TO SITE DETAIL 6/L602
(C05)	PLAYGROUND PERIMETER NAILER CURB REFER TO SITE DETAIL 3/L602
(C06)	INTEGRAL CONCRETE CURB AND WALK TURN DOWN PLAYGROUND EDGE REFER TO SITE DETAIL 4/L602
C 07	CURB AT DIG PIT REFER TO SITE DETAIL 10/L602

PLAYGROUND FEATURES,
SPECIFICATION 11 68 00

KEY DESCRIPTION / REFERENCE

E01 SWING A

E02 SWING B

E03 ARC TUNNEL

E04 SUPER NOVA, RELOCATED

E05 FOUR TOWERS WITH NET, MODEL PCM410231,

€06 PARKOUR 5, IG

€07 GARDEN SEESAW

€08 TIPI CAROUSEL, RELOCATED

€09 SPICA

€10 SPINNER BOWL

GAGA PIT, A

GAGA PIT, B

GAGA PIT, B

SHADE STRUCTUR

SHADE STRUCTURE, REFER TO SPECIFICATION 32 33 00

DIG PIT WITH PEA GRAVEL, REFER TO DETAIL 10/L602

FURNISHINGS, SPECIFICATION 32 33 00

KEY DESCRIPTION / REFERENCE

TRASH RECEPTACLES
REFER TO SPECIFICATIONS

F03 BENCHES
REFER TO SPECIFICATIONS

GATES & FENCING,
SPECIFICATION 32 31 13

GATES & FENCING,
SPECIFICATION 32 31 13

KEY DESCRIPTION / REFERENCE

G03 8' PRIVACY FENCE, WOOD
REFER TO DETAIL 6 & 9/L602

PAVEMENT

KEY DESCRIPTION / REFERENCE

\$\text{P04}\$ STANDARD CONCRETE PAVEMENT REFER TO SITE DETAIL 1 & 2/L600

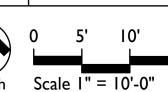
\$\text{P05}\$ SYNTHETIC TURF WITH CUSHION REFER TO SITE DETAIL 1 & 3/L602

\$\text{P06}\$ SYNTHETIC TURF REFER TO SITE DETAIL 3 & 5/L602

PLANTING

KEY DESCRIPTION / REFERENCE

PA PLANTED AREA



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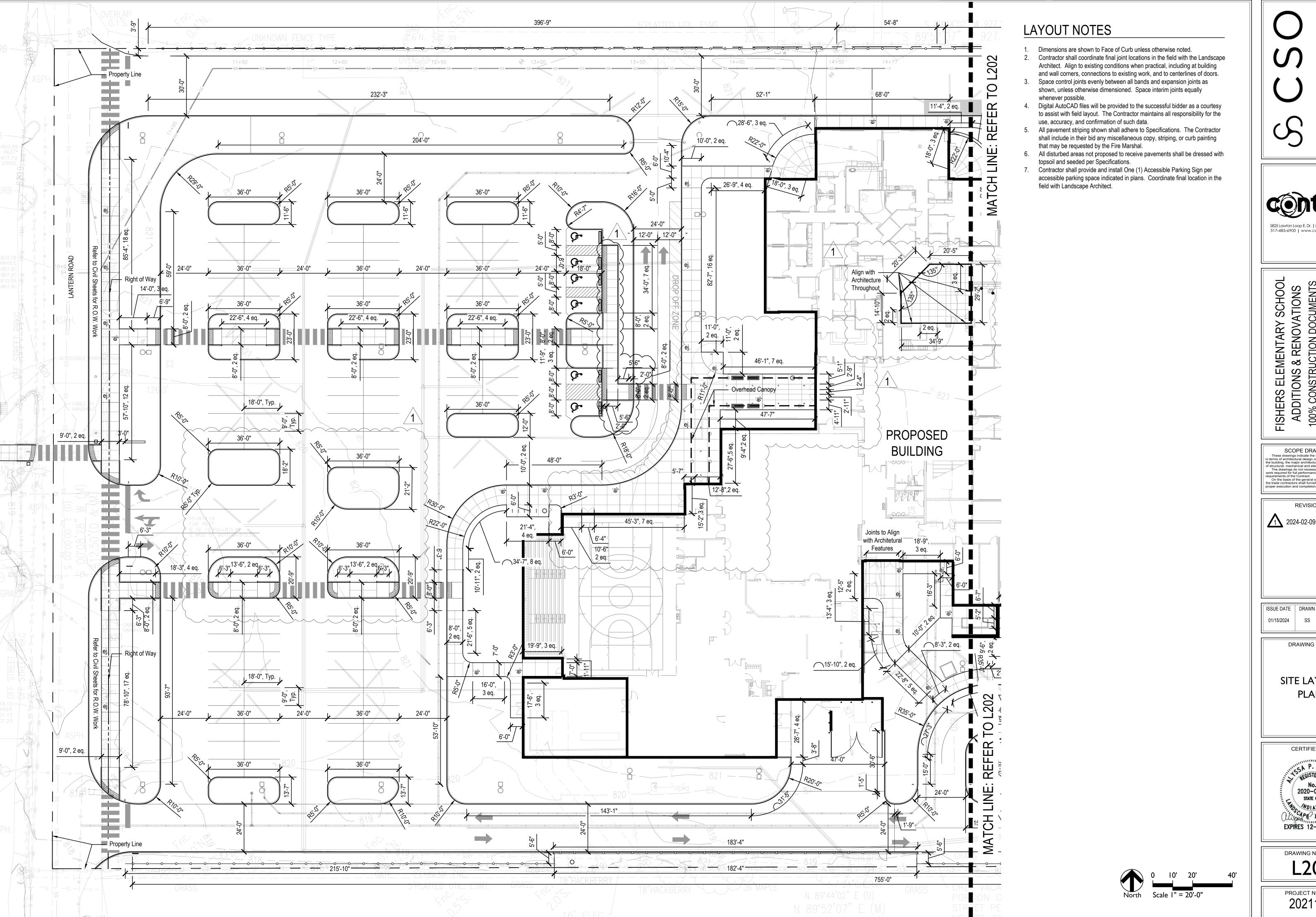
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SITE MATERIALS PLAN

P. PRANCE NO. 2020-0132 STATE OF

DRAWING NUMBER

EXPIRES 12-31-2025



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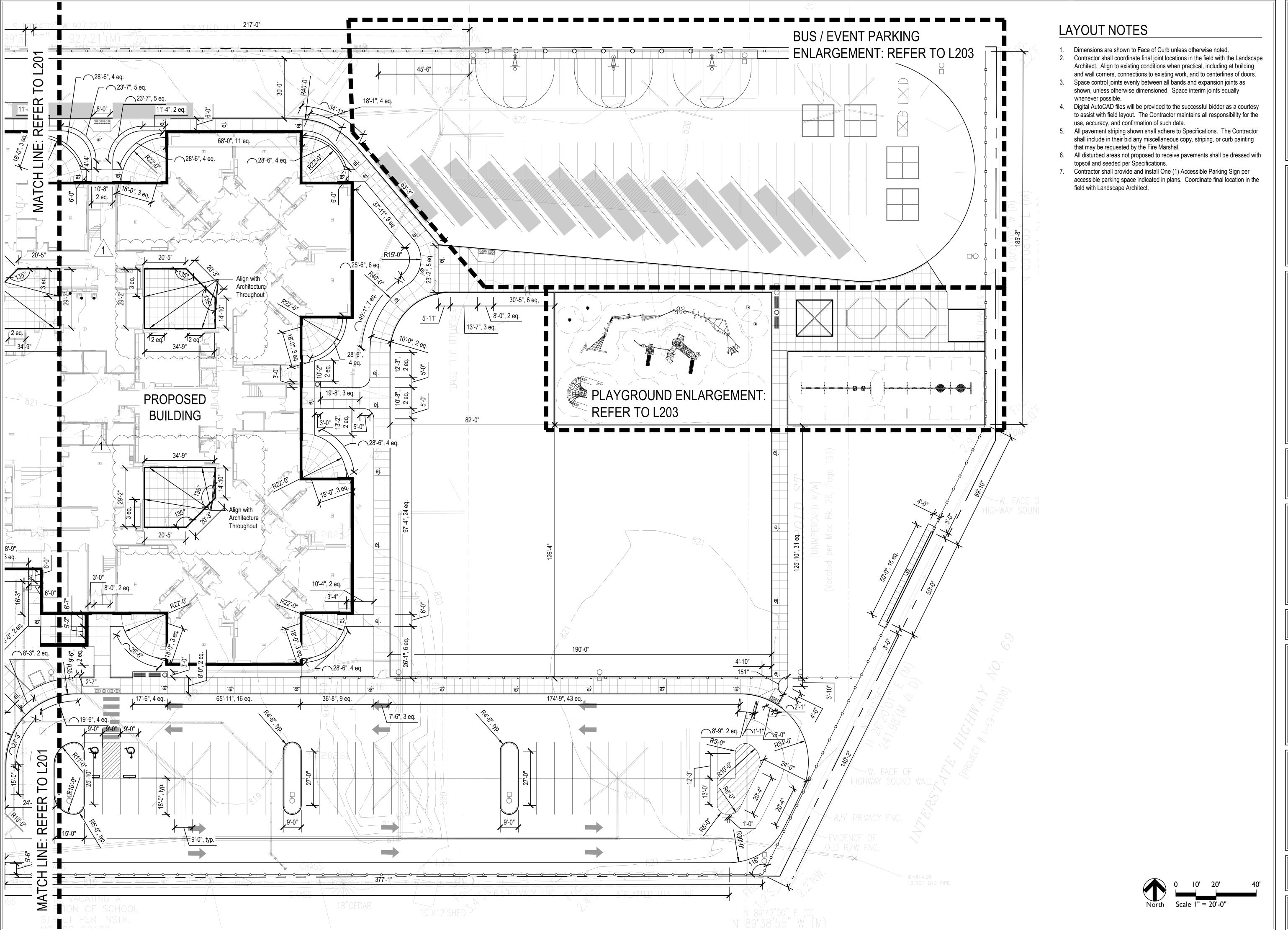
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DRAWING TITLE:

SITE LAYOUT PLAN



DRAWING NUMBER L201





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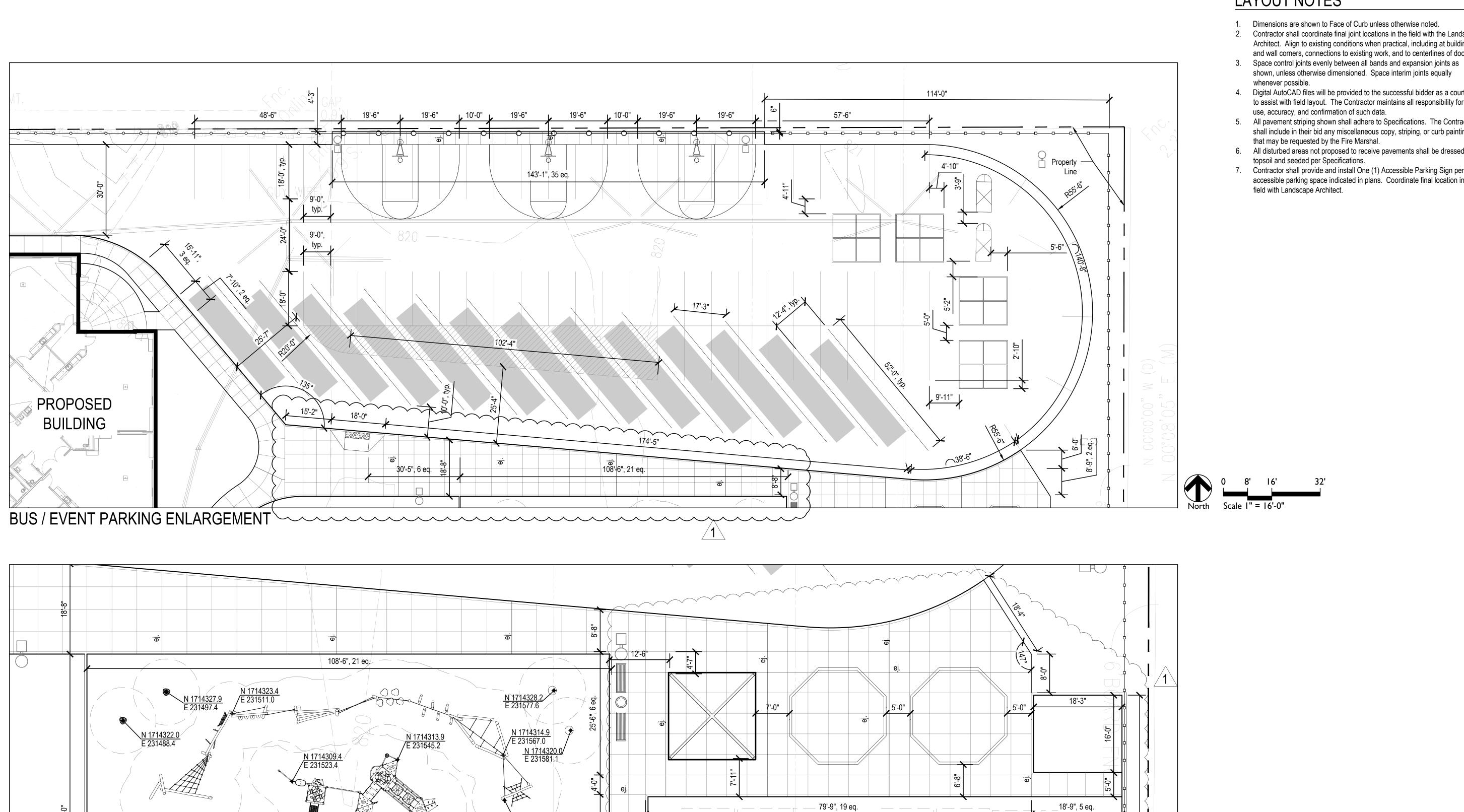
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DRAWING TITLE:

SITE LAYOUT PLAN



DRAWING NUMBER L202



8'-0", 2 eq.

98'-0"

LAYOUT NOTES

- 1. Dimensions are shown to Face of Curb unless otherwise noted. 2. Contractor shall coordinate final joint locations in the field with the Landscape
- Architect. Align to existing conditions when practical, including at building and wall corners, connections to existing work, and to centerlines of doors.
- 4. Digital AutoCAD files will be provided to the successful bidder as a courtesy to assist with field layout. The Contractor maintains all responsibility for the
- 5. All pavement striping shown shall adhere to Specifications. The Contractor shall include in their bid any miscellaneous copy, striping, or curb painting
- 6. All disturbed areas not proposed to receive pavements shall be dressed with
- Contractor shall provide and install One (1) Accessible Parking Sign per accessible parking space indicated in plans. Coordinate final location in the field with Landscape Architect.

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01/15/2024

DRAWING TITLE:

SITE LAYOUT **PLAN**

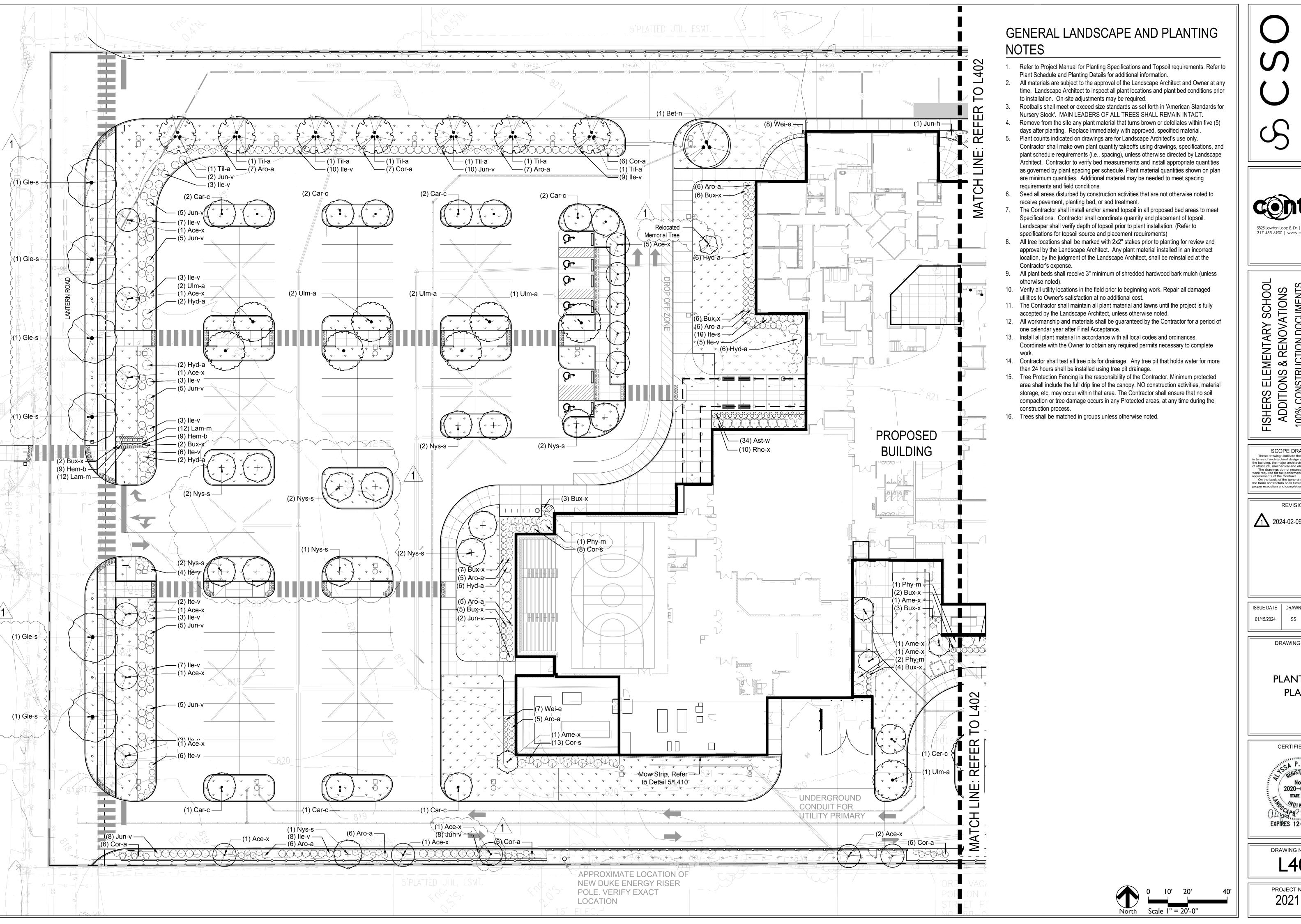


DRAWING NUMBER L203

PROJECT NUMBER 2021119

PLAYGROUND ENLARGEMENT

108'-0"





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2024-02-09 Addendum 3

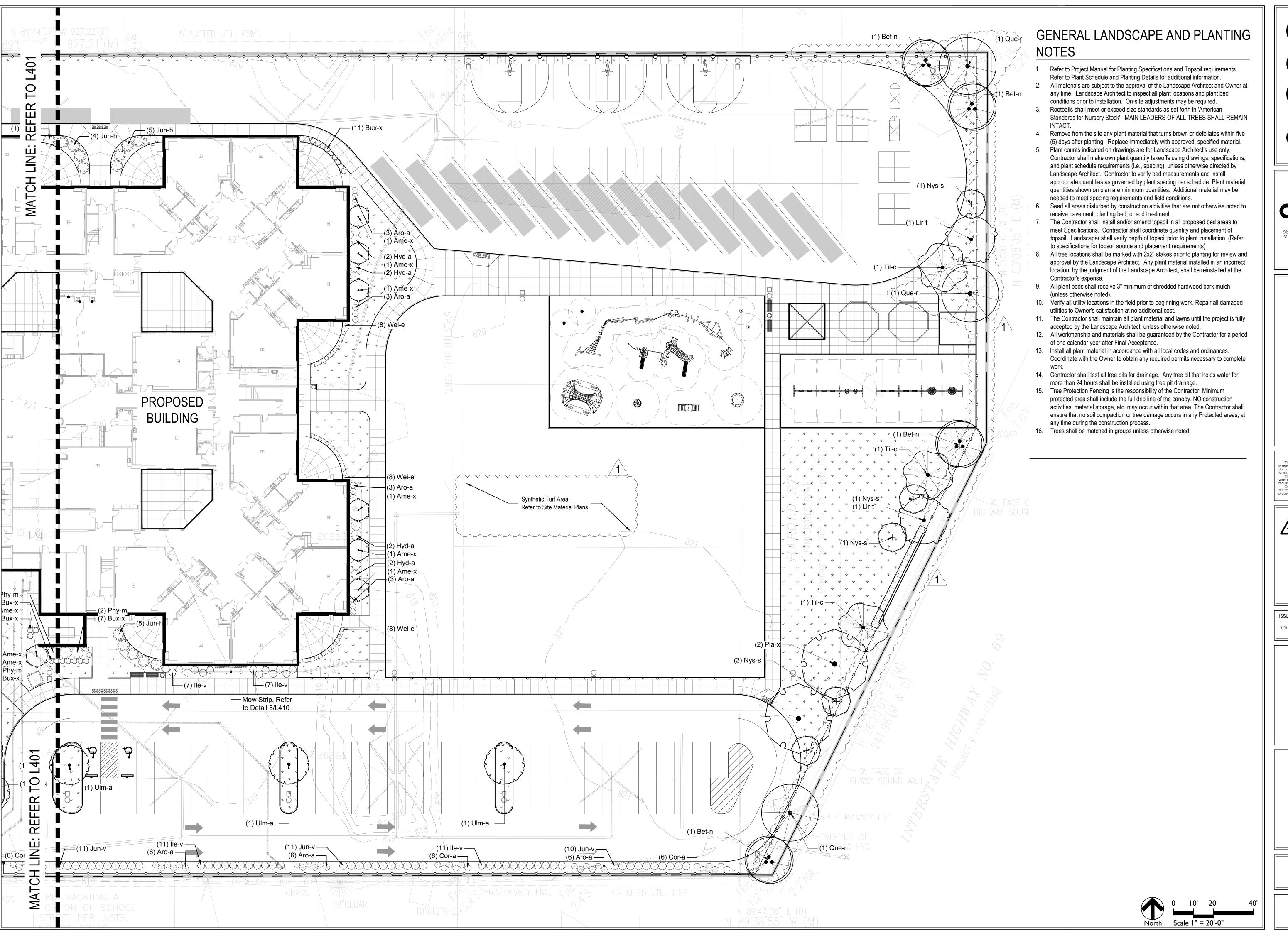
DRAWING TITLE:

PLANTING PLAN

CERTIFIED BY:



DRAWING NUMBER L40 I



5825 Lawton Loop E. Dr. | Indianapolis, IN 46216

FISHERS ELEMENTARY SCHOOL
ADDITIONS & RENOVATIONS
100% CONSTRUCTION DOCUMENTS
11442 LANTERN
RD, FISHERS, IN
46038

SCOPE DRAWINGS: of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all quirements of the Contract.
On the basis of the general scope indicated or describ

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2024-02-09 Addendum 3

01/15/2024 SS

DRAWING TITLE:

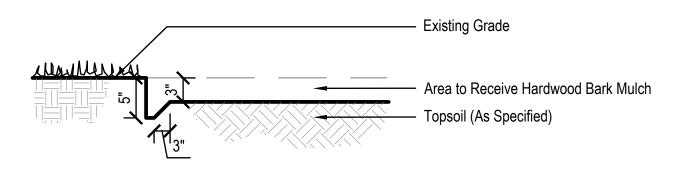
PLANTING PLAN

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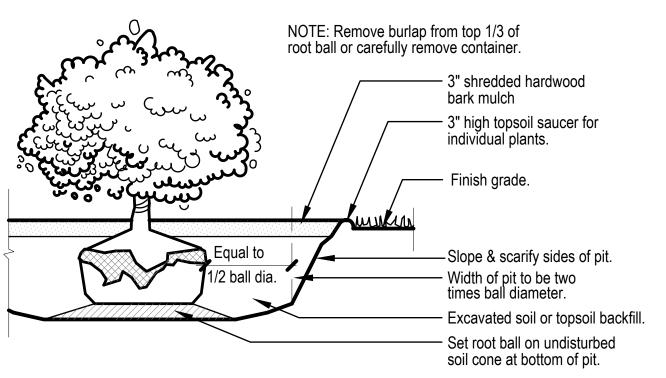


DRAWING NUMBER L402

PLAN	IT SC	HEDULE			
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL
TREES					
Ace-x	16	Acer rubrum 'Armstrong'	Armstrong Red Maple	B & B	2"Cal
Ame-x	10	Amelanchier x grandiflora `Autumn Brilliance`	Autumn Brilliance Serviceberry	B & B	8` ht.
Bet-n	5	Betula nigra	River Birch	B & B	2"Cal
Car-c	11	Carpinus caroliniana	American Hornbeam	B & B	2"Cal
Cer-c	1	Cercis canadensis	Eastern Redbud	B&B	8` ht.
Gle-s	6	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Thornless Honeylocust	B&B	2"Cal
Lir-t	2	Liriodendron tulipifera	Tulip Tree	B & B	2"Cal
Nys-s	19	Nyssa sylvatica	Sour Gum	B&B	2 Cal
Pla-x	2	Platanus x acerifolia `Columbia`	Columbia London Plane Tree	B&B	2"Cal
Que-r	3	Quercus rubra	Red Oak	B & B	2"Cal
Til-a	7	Tilia americana Boulevard	Boulevard Linden	B&B	2"Cal
Til-c	3	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden	B & B	2"Cal
Ulm-a	11	Ulmus x americana `Princeton Elm`	Princeton Elm	B & B	2"Cal
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT
SHRUBS					
Aro-a	83	Aronia arbutifolia `Brilliantissima`	Brilliant Red Chokeberry	container	24"
Ast-w	34	Astilbe x arendsii 'Weisse Gloria'	White Gloria Astilbe	container	
Bux-x	58	Buxus x `Green Velvet`	Green Velvet Boxwood	container	18"
Cor-s	21	Cornus sericea `Cardinal`	Cardinal Red-twig Dogwood	container	24"
Cor-a	43	Cornus stolonifera `Farrow`	Arctic Fire Dogwood	container	24"
Hyd-a	32	Hydrangea arborescens `Abetwo`	Incrediball Hydrangea	container	24"
lle-v	100	llex verticillata `Red Sprite`	Red Sprite Winterberry	container	24"
Ite-v	18	Itea virginica `Henry`s Garnet`	Henry's Garnet Sweetspire	container	24"
Ite-s	10	Itea virginica `Sprich`	Little Henry Virginia Sweetspire	container	24"
Jun-h	15	Juniperus horizontalis	Creeping Juniper	container	15" spread
Jun-v	87	Juniperus virginiana `Grey Owl`	Grey Owl Juniper	container	18" spread
Phy-m	6	Physocarpus opulifolius 'Monlo'	Diablo Purple Ninebark	container	36"
Rho-x	10	Rhododenaron x P.J.M.	PJM Rhododendron	container	24
Wei-e	39	Weigela florida `Elvera`	Elvera Weigela	container	18" spread
		AND CDASCES			
Hem-b	18	AND GRASSES Hemerocallis x `Black-eyed Stella` TM	Black-eyed Stella Daylily	#1 pot	
Lam-m	24	Lamium maculatum	Spotted Dead Nettle	#1 pot	

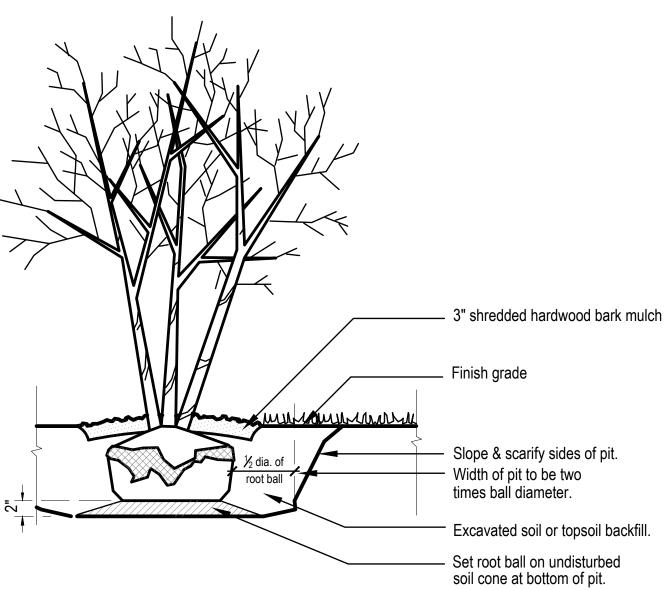


SPADE EDGE Not to Scale



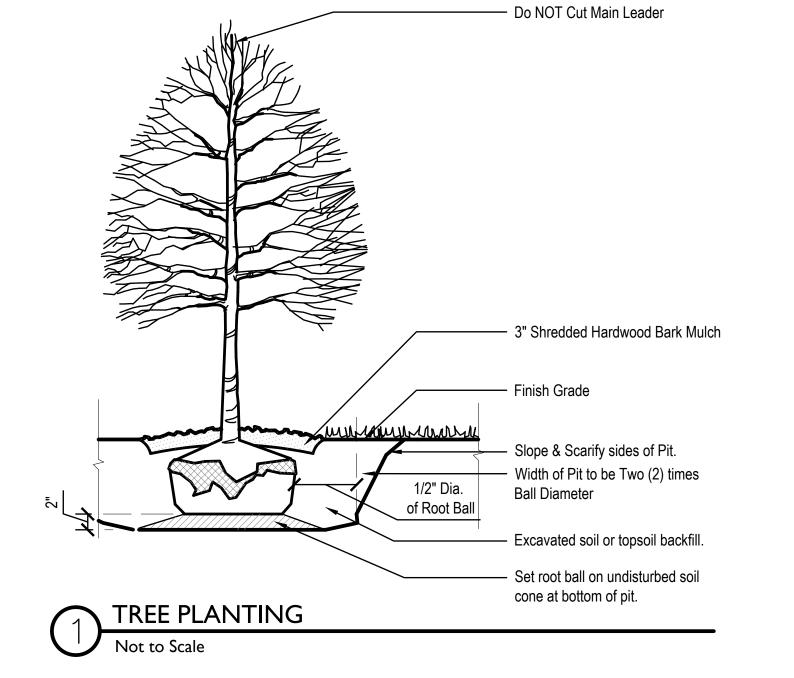
SHRUB PLANTING

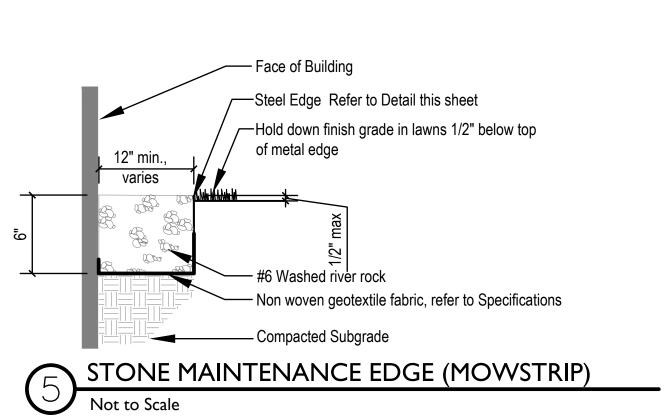
Not to Scale



MULTI-STEM TREE PLANTING

Not to Scale





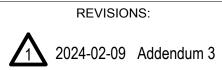


SCOPE DRAWINGS: These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

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On the basis of the general scope indicated or described the trade contractors shall furnish all items required for the

REVISIONS:



ISSUE DATE | DRAWN BY | CHECKED BY

01/15/2024 SS

DRAWING TITLE:

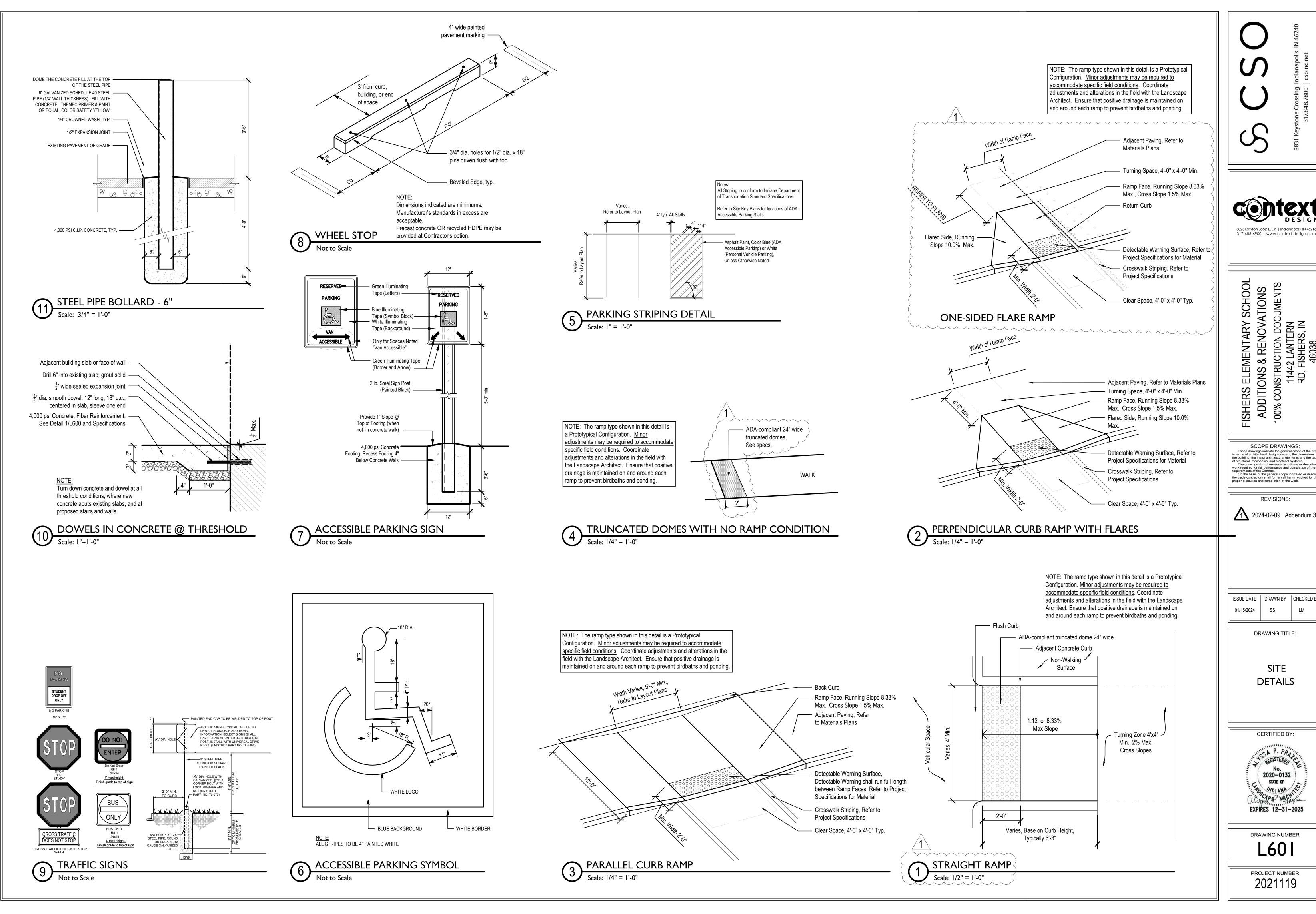
PLANTING DETAILS

LM

CERTIFIED BY:



DRAWING NUMBER L410



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1 2024-02-09 Addendum 3

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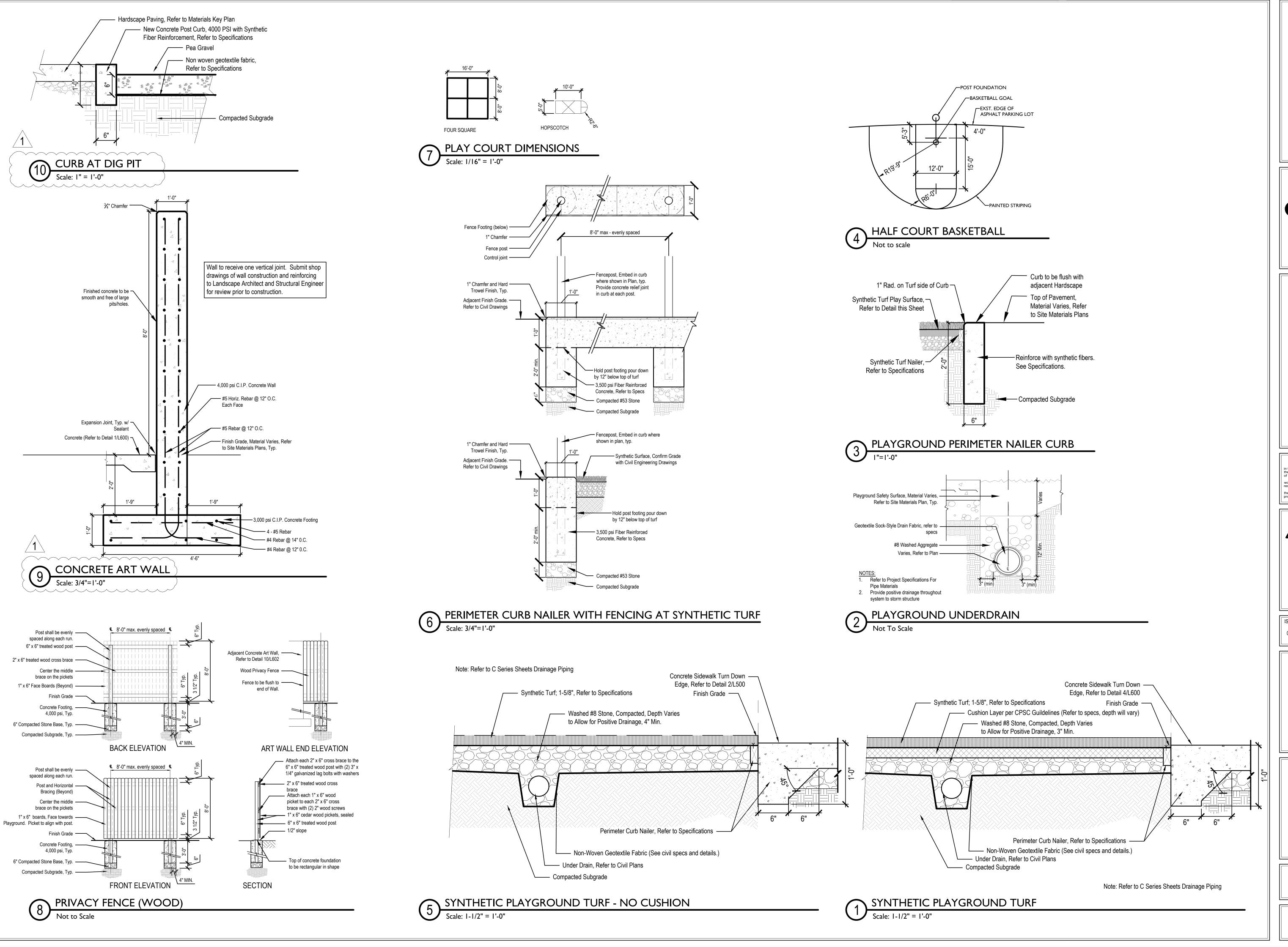
DRAWING TITLE:

SITE

DETAILS

CERTIFIED BY: SA P. PRATERIO 2020-0132 STATE OF WOLANA WEST

DRAWING NUMBER L60



S831 Keystone Crossing, Indianapolis, IN 46240 317.848.7800 | csoinc.net

5825 Lawton Loop E. Dr. | Indianapolis, IN 46216
317-485-6900 | www.context-design.com

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REVISIONS: 2024-02-09 Addendum 3

ISSUE DATE DRAWN BY CHECKED BY 01/15/2024 SS LM

DRAWING TITLE:

SITE DETAILS

CERTIFIED BY:



L602

ADDENDUM



ADDENDUM NO: 3

BID PACKAGE NO: N/A

PROJECT: 2024 – Fishers Elementary School Addition and Renovations

PROJECT NO: 2021119 DATE: 02/09/2024 BY: Josh Cannaday

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

ATTACHMENTS

CSO Addendum No. 3, pages 1-2

Specifications:

wings

Drawings:

• S201C, S201D, S202D, S301, S302, S701

PART 1 - GENERAL INFORMATION

1.1 NOT USED

PART 2 - BIDDING REQUIREMENTS

2.1 NOT USED

PART 3 - SPECIFICATIONS

3.1 NOT USED

PART 4 - DRAWINGS

- 4.1 <u>S201C Foundation Plan Unit C</u>
 - A. Footing Size modified from WF48 to WF60
- 4.2 <u>S201D Foundation Plan Unit D</u>
 - A. Footing size modified from WF48 to WF60 at Mechanical Courtyard and Dumpster Enclosure
 - B. Footings Sizes for new girder in existing gym defined
 - C. Section 8/S701 included for additional clarity



4.3 <u>S202D – Second Floor Framing Plan – Unit D</u>

- A. 3" Acoustical deck labeled at new addition to existing gymnasium
- B. Lintel sizes in existing bearing wall demo provided
- C. Beam sizes at gathering stair labeled.

4.4 S301 – Brace Frame Elevations

- A. Additional Braced frame elevations provided
- 4.5 <u>S302 Brace Frame Elevations</u>
 - A. Sheet added in its entirety

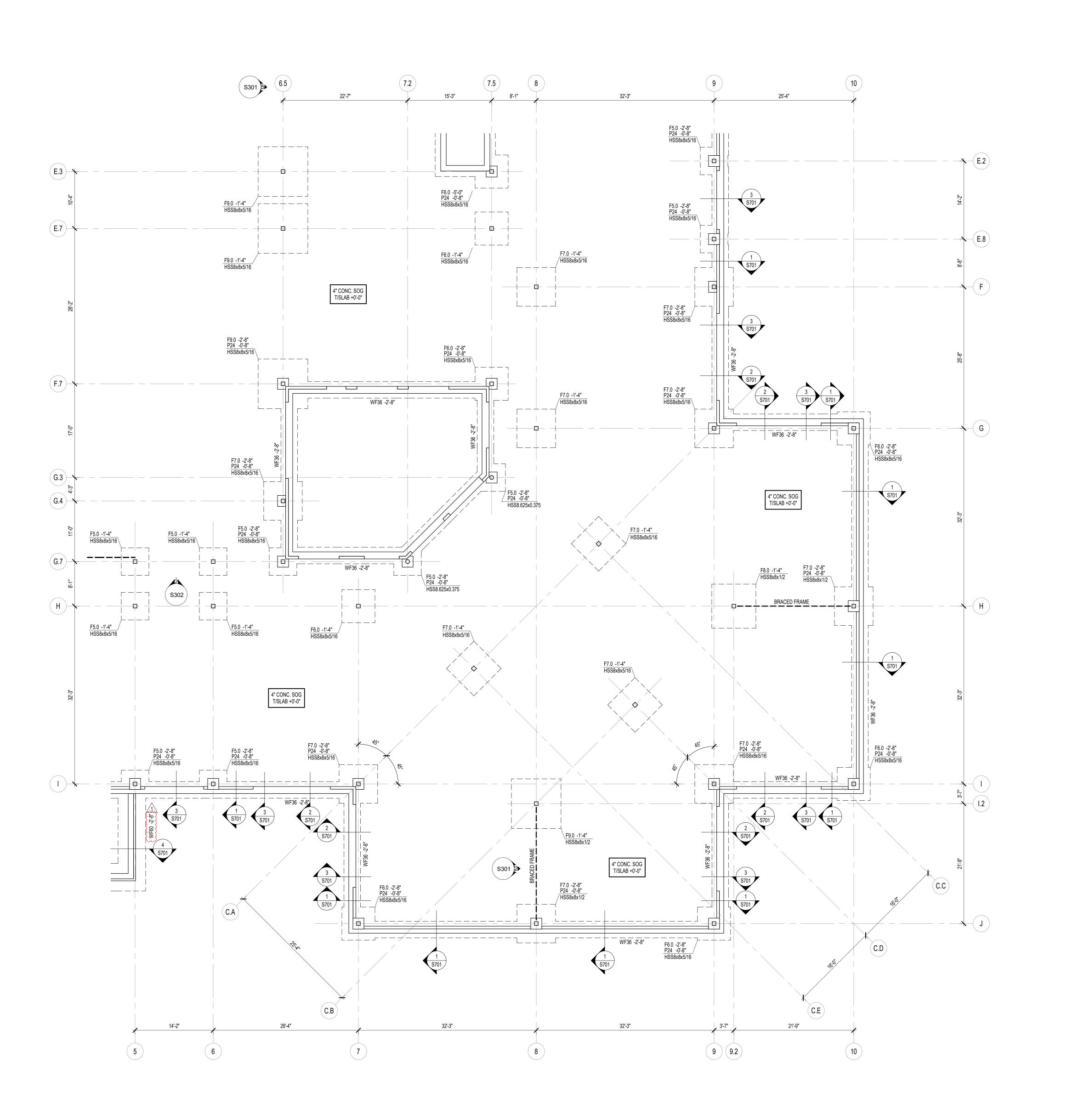
4.6 <u>S701 – Sections & Details</u>

- A. Section 4/S701 Modified as shown
- B. Sections 6 and 7/S701 added for addition clarity at gathering stair
- C. Section 8/S701 added for additional clarity

PART 5 - QUESTIONS AND ANSWERS

5.1 NOT USED

END ADDENDUM #2



FOUNDATION PLAN NOTES

- 1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES &
- 2. REF. THE S400 SERIES FOR TYPICAL FOUNDATION AND MASONRY DETAILS. 3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE
- 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0" (USGS 821.73). VERIFY ELEVATION WITH CIVIL DWGS.
- 5. <u>ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.</u> 6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR
- SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- 7. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
- 8. NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G., SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
- 9. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

10. PROVIDE CMU REINFORCING AS NOTED ON PLANS & SECTIONS. IF NOT

- SHOWN ELSEWHERE, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" OC. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" OC MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS.
- 11. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
- 12. GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION. 13. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT
- FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS. 14. ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO

SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL

- TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402. 15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO
- ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS. 16. REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION
- JOINT LOCATIONS. 17. PLAN LEGEND:

DENOTES FIN. FLOOR

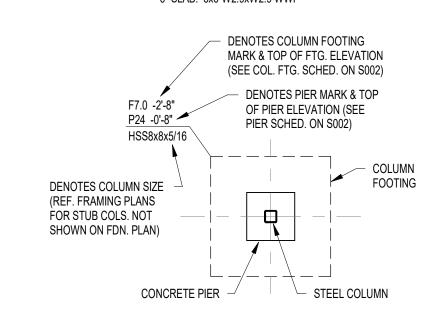
DENOTES TOP OF FTG, SLAB, PIER, ETC. DENOTES BOTTOM OF FTG, GRADE BEAM, ETC. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT DENOTES CIP CONC. WALL (REF. SCHED. ON S002) DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG

TB24x24 -1'-4" DENOTES TIE BEAM MARK & T/BEAM ELEVATION (REF. TIE BEAM SCHEDULE) DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401 - \bot - \bot -

DENOTES CMU FOUNDATION WALL DENOTES CMU FDN. WALL HELD DOWN AT DENOTES THICKENED SLAB UNDER INTERIOR NON-LOAD BEARING CMU WALLS

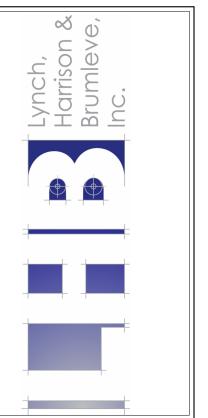
4" CONC. SOG
T/SLAB +0'-0"

DENOTES SLAB ON GRADE THICKNESS & T/SLAB
ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON
6" MIN. COMPACTED GRANULAR FILL & VAPOR
BARRIER/RETARDER PER SPECS. PROVIDE THE
FOLLOWING WELDED WIRE FABRIC REINFORCING: 4" SLAB: 6x6-W1.4xW1.4 WWF 6" SLAB: 6x6-W2.9xW2.9 WWF









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SCOPE DRAWINGS:

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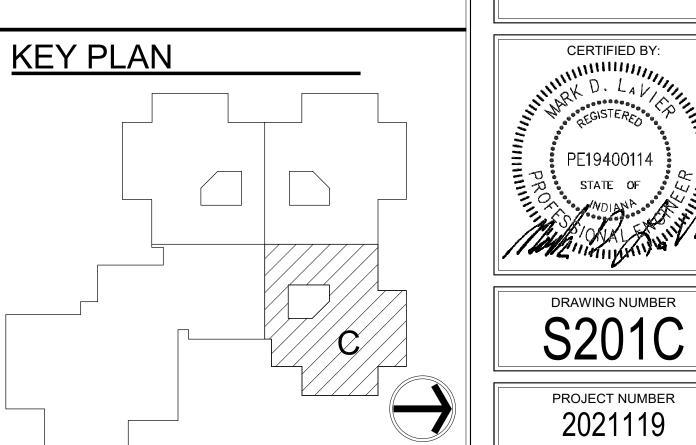
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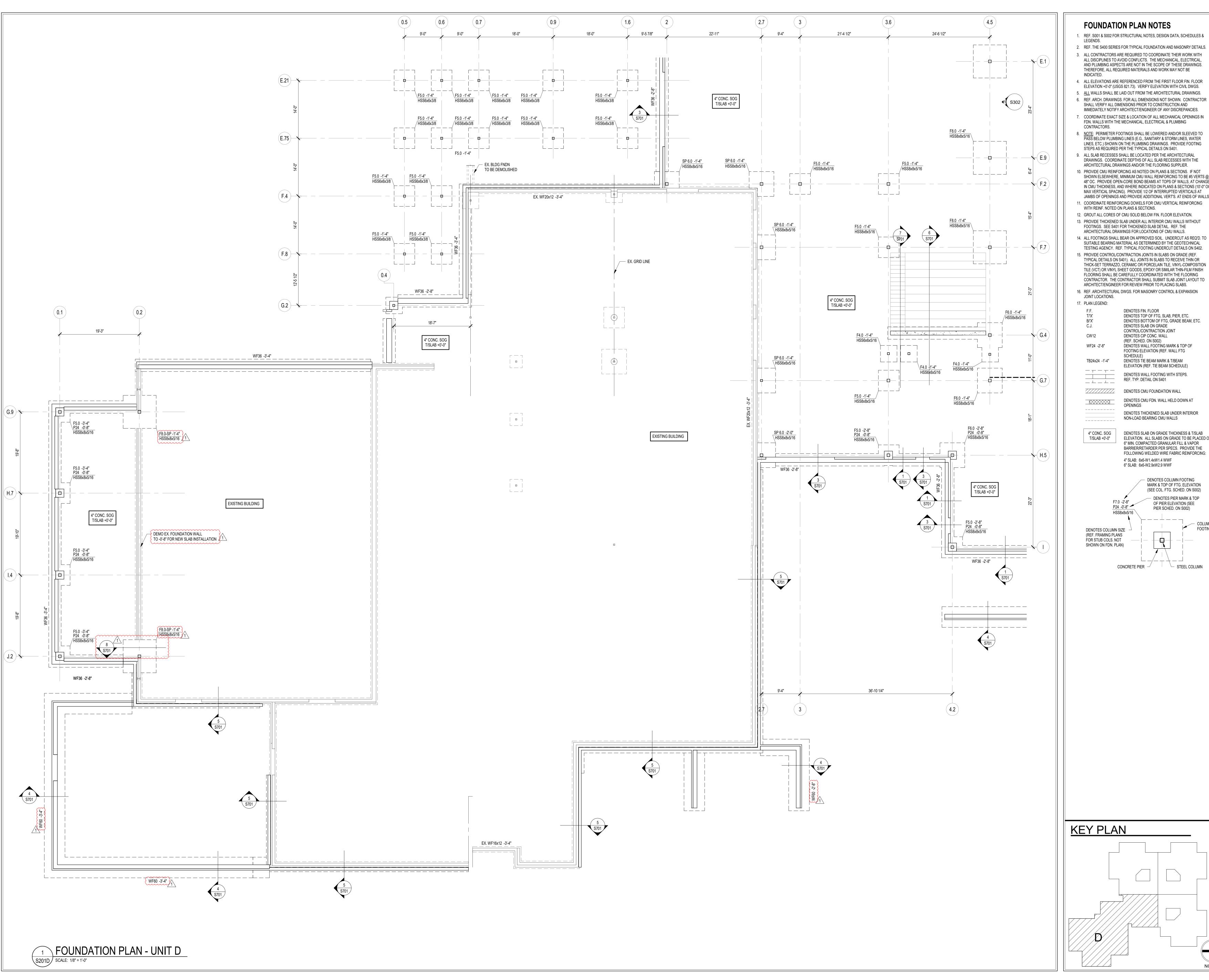
REVISIONS:

ADD #3 02/09/24

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DRAWING TITLE: FOUNDATION PLAN- UNIT B





FOUNDATION PLAN NOTES

- 1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES &
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- 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR
- ELEVATION +0'-0" (USGS 821.73). VERIFY ELEVATION WITH CIVIL DWGS. 5. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS. 6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR
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- 10. PROVIDE CMU REINFORCING AS NOTED ON PLANS & SECTIONS. IF NOT SHOWN ELSEWHERE, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" OC. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" OC MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS.
- 11. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
- 12. GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
- 13. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
- SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON \$402. 15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON \$401). ALL JOINTS IN SLABS TO RECEIVE THIN OR
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- 16. REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- 17. PLAN LEGEND:

DENOTES FIN. FLOOR DENOTES TOP OF FTG, SLAB, PIER, ETC. DENOTES BOTTOM OF FTG, GRADE BEAM, ETC. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT DENOTES CIP CONC. WALL (REF. SCHED. ON S002)

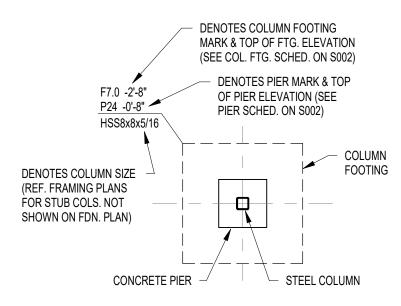
FOOTING ELEVATION (REF. WALL FTG TB24x24 -1'-4" DENOTES TIE BEAM MARK & T/BEAM ELEVATION (REF. TIE BEAM SCHEDULE) DENOTES WALL FOOTING WITH STEPS.

DENOTES WALL FOOTING MARK & TOP OF

REF. TYP. DETAIL ON S401 - \bot - \bot -DENOTES CMU FOUNDATION WALL DENOTES CMU FDN. WALL HELD DOWN AT

DENOTES THICKENED SLAB UNDER INTERIOR NON-LOAD BEARING CMU WALLS 4" CONC. SOG DENOTES SLAB ON GRADE THICKNESS & T/SLAB
T/SLAB +0'-0" ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON

6" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING: 4" SLAB: 6x6-W1.4xW1.4 WWF 6" SLAB: 6x6-W2.9xW2.9 WWF





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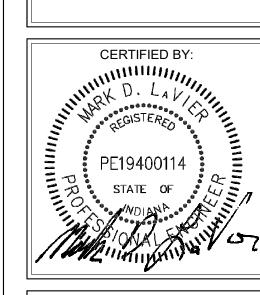
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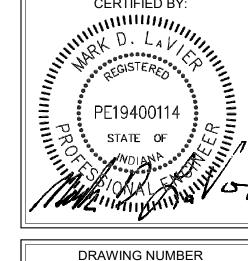
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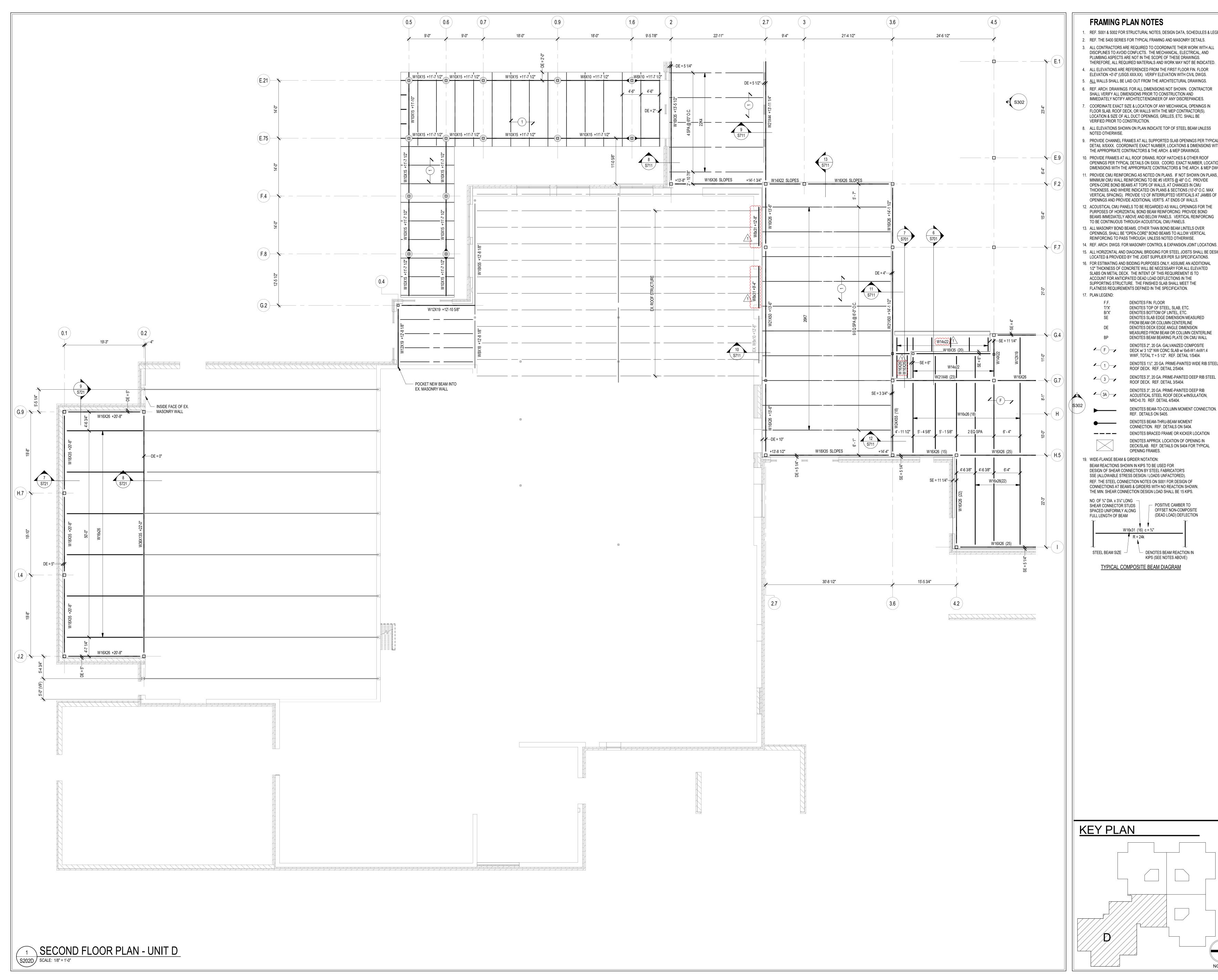
DRAWING TITLE: FOUNDATION PLAN - UNIT D





DRAWING NUMBER S201D PROJECT NUMBER

2021119



- 1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS. 2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
- 3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND
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- ELEVATION +0'-0" (USGS XXX.XX). VERIFY ELEVATION WITH CIVIL DWGS. 5. <u>ALL</u> WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS. 6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR
- IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES. 7. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE
- 8. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS
- 9. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL X/SXXX. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
- 10. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON SXXX. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS. 11. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS,
- MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF
- 12. ACOUSTICAL CMU PANELS TO BE REGARDED AS WALL OPENINGS FOR THE PURPOSES OF HORIZONTAL BOND BEAM REINFORCING: PROVIDE BOND BEAMS IMMEDIATELY ABOVE AND BELOW PANELS. VERTICAL REINFORCING
- TO BE CONTINUOUS THROUGH ACOUSTICAL CMU PANELS. 13. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL
- 15. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS. 16. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL
- 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
 - DENOTES FIN. FLOOR DENOTES TOP OF STEEL, SLAB, ETC. DENOTES BOTTOM OF LINTEL, ETC. DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE DENOTES BEAM BEARING PLATE ON CMU WALL
- DENOTES 2", 20 GA. GALVANIZED COMPOSITE ✓ (F) → DECK w/ 3 1/2" NW CONC SLAB w/ 6x6-W1.4xW1.4 WWF, TOTAL 't' = 5 1/2". REF. DETAIL 1/S404. DENOTES 11/2", 20 GA. PRIME-PAINTED WIDE RIB STEEL
- ROOF DECK. REF. DETAIL 3/S404. DENOTES 3", 20 GA. PRIME-PAINTED DEEP RIB ACOUSTICAL STEEL ROOF DECK w/INSULATION,
 - REF. DETAILS ON S405. DENOTES BEAM-THRU-BEAM MOMENT
 - DENOTES BRACED FRAME OR KICKER LOCATION DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.
- BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED). REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN.
- POSITIVE CAMBER TO OFFSET NON-COMPOSITE (DEAD LOAD) DEFLECTION

TYPICAL COMPOSITE BEAM DIAGRAM

Hamilton Southeastern Schools

HAMILTON SOUTHEASTERN SCHOOL
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
SCHOOL
A1442 LANTERN RD, FISHERS, IN 46038

SCOPE DRAWINGS: These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

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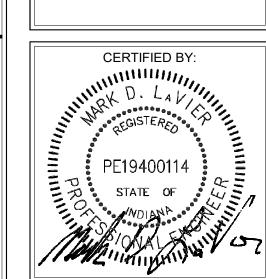
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ADD #3 02/09/24

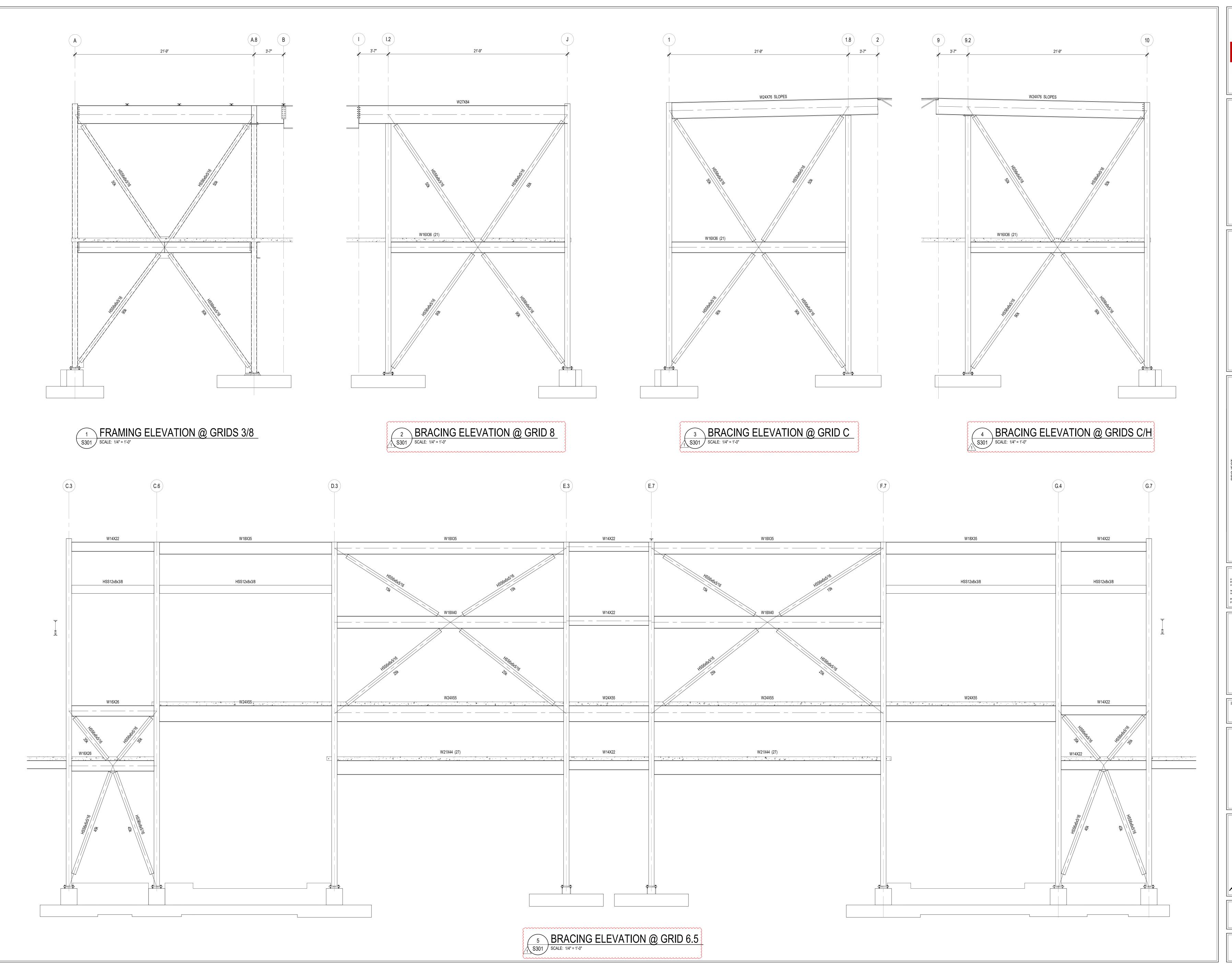
ISSUE DATE | DRAWN BY | CHECKED BY 01/15/2024 NMA

DRAWING TITLE: SECOND FLOOR FRAMING PLAN -UNIT D



DRAWING NUMBER S202D PROJECT NUMBER

2021119





T Keystone Crossing, Indianapolis, IN 4624

Lynch,
Harrison &
Brumleve,
Inc.

HAMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 LANTERN RD, FISHERS, IN 46038

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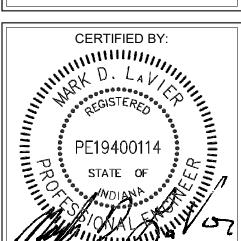
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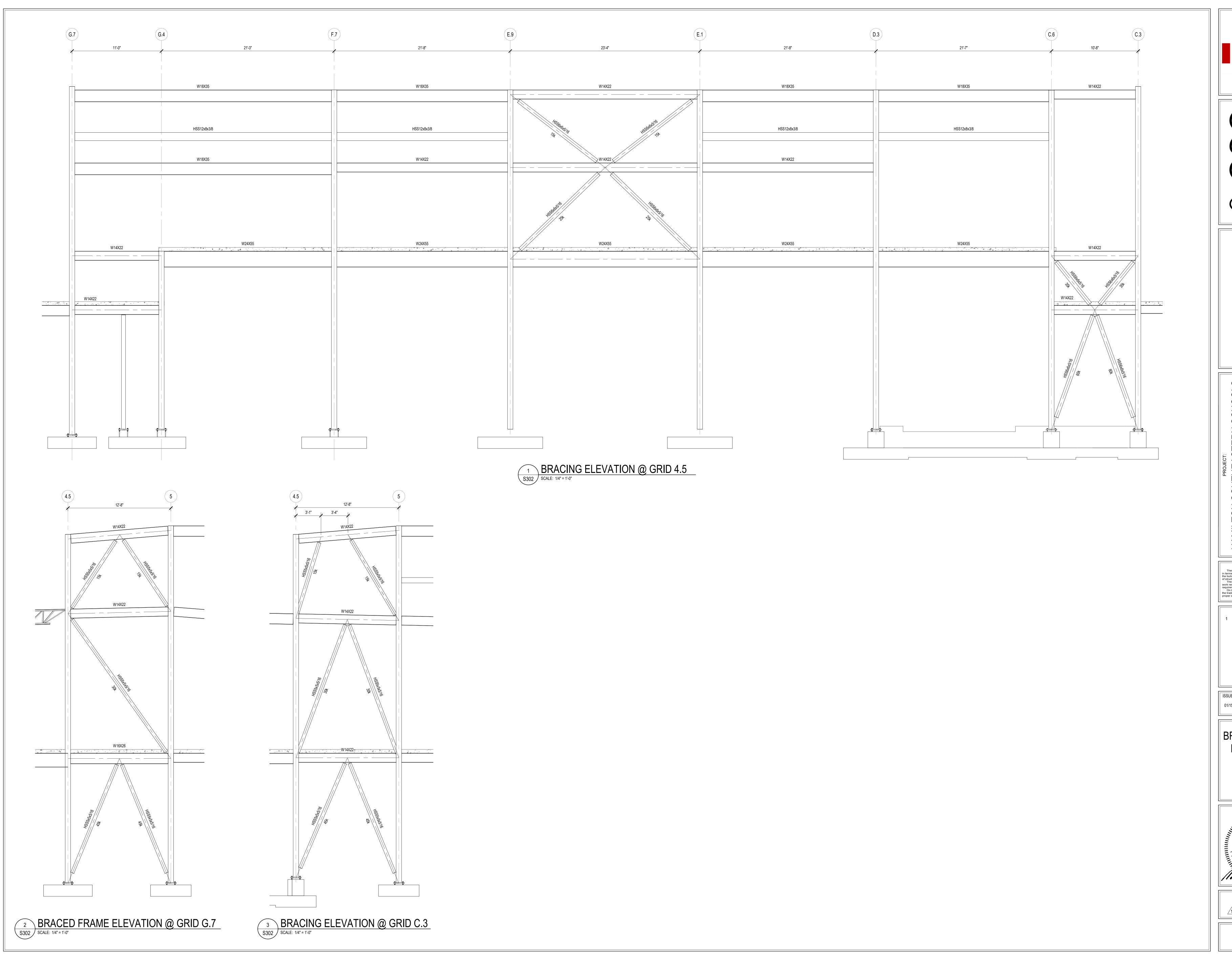
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BRACE FRAME
ELEVATIONS



DRAWING NUMBER



Hamilton
Southeastern
Schools

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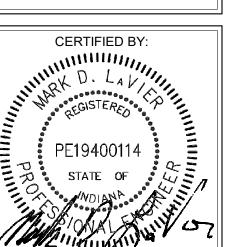
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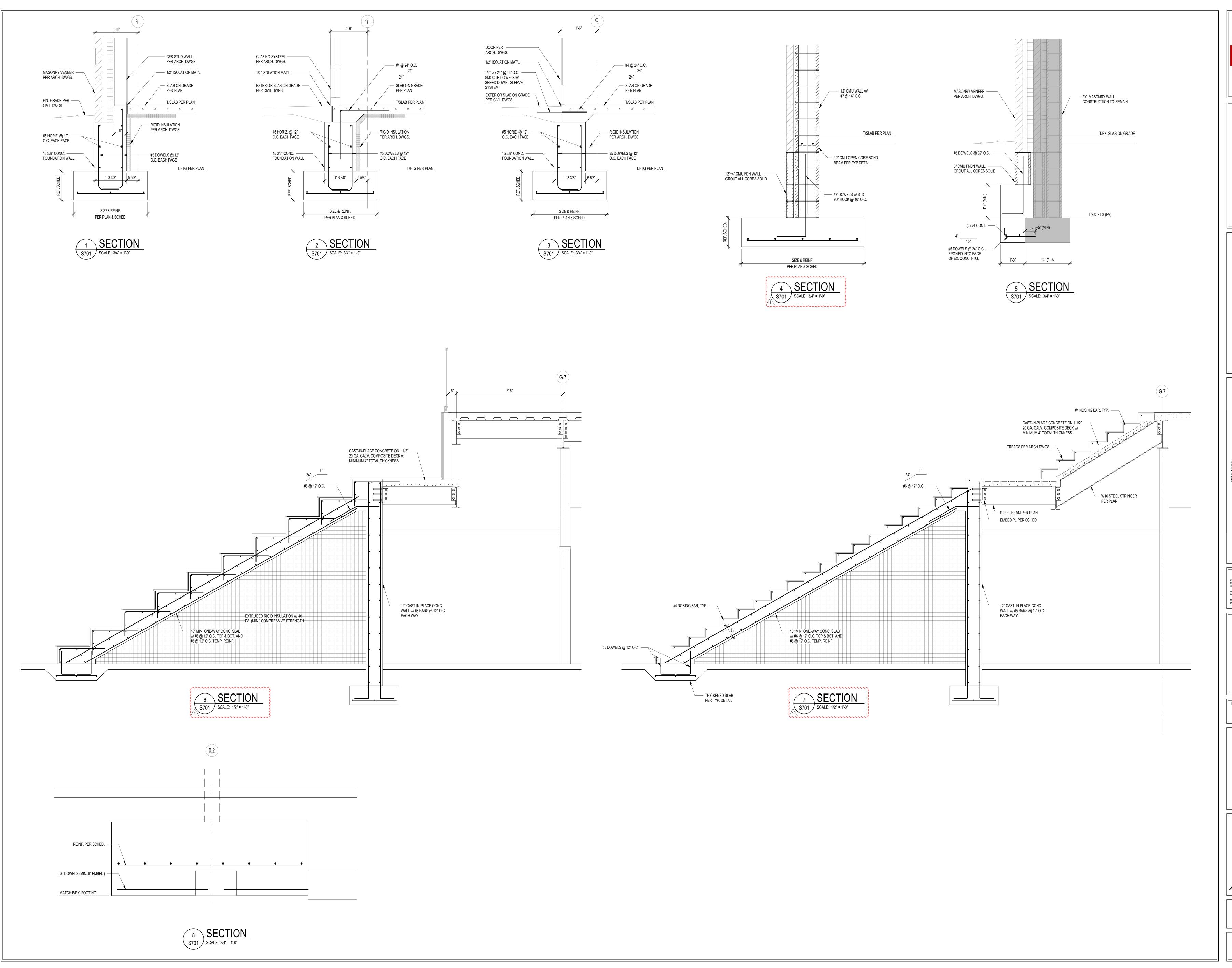
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DRAWING TITLE: BRACED FRAME **ELEVATIONS**



DRAWING NUMBER S302



Hamilton
Southeastern
Schools

C S J O

& RENOVATIONS TO SELEMENTARY HAMILTON SOUTHEAS
ADDITIONS & RENC
FISHERS ELEN
SCHOC
11442 LANTERN RD, FIS

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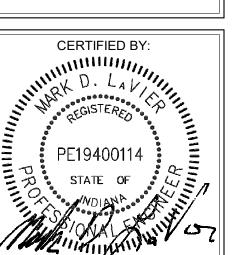
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REVISIONS: ADD #3 02/09/24

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> DRAWING TITLE: **DETAILS**



DRAWING NUMBER

ADDENDUM



ADDENDUM NO: 03

BID PACKAGE NO: N/A

PROJECT: 2024 – Fishers Elementary School Addition and Renovations

PROJECT NO: 2021119 DATE: 02/09/2024 BY: Josh Cannaday

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

ATTACHMENTS

Specifications:

• -

Drawings:

- M201A FIRST FLOOR PLAN AIR DISTRIBUTION UNIT A
- M201D FIRST FLOOR PLAN AIR DISTRIBUTION UNIT D
- M202D SECOND FLOOR PLAN AIR DISTRIBUTION UNIT D
- M211A FIRST FLOOR PLAN HYDRONICS UNIT A
- M306 SECTIONS MECHANICAL
- M702 CONTROLS CHILLED WATER
- M708 CONTROLS MISCELLANEOUS
- E100 SITE PLAN ELECTRICAL
- E211A FIRST FLOOR PLAN POWER UNIT A
- E211C FIRST FLOOR PLAN POWER UNIT C
- E211D FIRST FLOOR PLAN POWER UNIT D
- E212A SECOND FLOOR PLAN POWER UNIT A
- E212C SECOND FLOOR PLAN POWER UNIT C
- E220 ROOF PLAN ELECTRICAL
- E301 MECH AND ELEC UNIT D ELECTRICAL
- E302 MECHANICAL PENTHOUSE ELECTRICAL
- E361 ENLARGED KITCHEN PLAN ELECTRICAL
- E362 ENLARGED KITCHEN PLAN SCHEDULES
- E404 DETAILS LIGHTING CONTROL
- E601 SCHEDULES ELECTRICAL
- E612 SCHEDULES PANELBOARDS STANDBY, TELECOM, KITCHEN
- E613 SCHEDULES PANELBOARDS FIRST FLOOR
- T100 SITE PLAN TELECOM
- T201D FIRST FLOOR PLAN TELECOM. UNIT D
- T202A SECOND FLOOR PLAN TELECOM. UNIT A



PART 1 - GENERAL INFORMATION

1.1 NOT USED

PART 2 - BIDDING REQUIREMENTS

2.1 NOT USED

PART 3 - SPECIFICATIONS

- 3.1 <u>23 73 13 Modular Indoor Air Handling Units</u>
 - A. Delete Paragraph 2.1-L in its entirety. Airflow measuring stations shall be provided by the Temperature Control Contractor.
- 3.2 <u>23 82 19 Fan Coil Units</u>
 - A. Add USA Coil as an approved manufacturer of fan coil units.
- 3.3 <u>23 09 00 Instrumentation and Control for HVAC</u>
 - A. Under Paragraph 2.8-L, add Item 6 as follows:
 - 1. "6. AHU Fan Inlet Air Flow Stations
 - a. Capable of reading each fan individually and providing a true totalized average of all fans when there is more than one fan.
 - b. AFMS will be NIST Certified and can be customized for any application.
 - c. Transmitter with 0-10VDC, 4-20mA, or RS-485 connectivity.
 - d. BACnet ready for interface to Owner BAS.
 - e. Remote readout for installation on side of AHU.
 - f. Alarm capability
 - g. 3-year warranty
 - h. Manufacturers: Ebtron GT-X /Ax or Ruskin TDFI-RT

PART 4 - DRAWINGS

- 4.1 <u>Drawing No. M201A FIRST FLOOR PLAN AIR DISTRIBUTION UNIT A</u>
 - 1. Reissue this sheet in its entirety.
 - Add VAV box and ductwork to serve Office A100A.
- 4.2 <u>Drawing No. M201B FIRST FLOOR PLAN AIR DISTRIBUTION UNIT B</u>
 - 1. Add Plan Note 3 as follows:



- a. "3. LOCATE AREA STATIC PRESSURE SENSOR FOR AHU-3 IN CEILING AT APPROXIMATELY THIS LOCATION."
- 2. Add Plan Note 3 reference to apply to ceiling area outside of Learning Studio B114.

4.3 <u>Drawing No. M201C – FIRST FLOOR PLAN – AIR DISTRIBUTION – UNIT C</u>

- 1. Add Plan Note 3 as follows:
 - a. "3. LOCATE AREA STATIC PRESSURE SENSOR FOR AHU-3 IN CEILING AT APPROXIMATELY THIS LOCATION."
- 2. Add Plan Note 3 reference to apply to ceiling area outside of Learning Studio C102.

4.4 <u>Drawing No. M201D – FIRST FLOOR PLAN – AIR DISTRIBUTION – UNIT D</u>

- 1. Add the following to Plan Note 9:
- 2. "DAMPER TO BE INTERLOCKED WITH OPERATION OF EXHAUST FAN, EF-L"
- 3. Add Plan Note 3 as follows:
- 4. "3. LOCATE AREA STATIC PRESSURE SENSOR FOR AHU-3 IN CEILING AT APPROXIMATELY THIS LOCATION."
- 5. Add Plan Note 3 reference to apply to ceiling area near AHU-4 duct static pressure sensor in Corridor.

4.5 <u>Drawing No. M202D – SECOND FLOOR PLAN – AIR DISTRIBUTION</u> – UNIT D

- 1. A Reissue this sheet in its entirety.
- 2. Modifications to Section 1 for adjusted roof elevations.

4.6 Drawing No. M301 – ENLARGED PLANS – MECHANICAL CHILLER ROOM

- 1. Delete Plan Note 17 and respective plan note reference near EVAP-A2.
- 2. Delete reference "(ALT BID)" at equipment tag for chiller CH-A2.

4.7 Drawing No. M305 – ENLARGED PLANS HVAC MEZZANINE - HYDRONICS

- 1. Delete Plan Note 5 completely and respective reference on wall behind boilers.
- 2. Add the following to Plan Note 9: "SENSOR SHALL BE LIKE KELE KCOC-W-V OR EQUIVALENT. POWER, BACKBOX, AND WIRING SHALL BE BY T.C.C. EXACT LOCATION TO BE COORDINATED IN FIELD."

4.8 Drawing No. M306 – SECTIONS - MECHANICAL

1. Reissue this sheet in its entirety.

4.9 <u>Drawing No. M402 – DETAILS – AIR DISTRIBUTION</u>

1. On the Kiln Hood Detail, delete leader note reference "ANGLE IRON STIFFER PAINT FLAT BLACK", and replace with "TURN DUCTWORK IN AT BASE OF HOOD FOR STIFFENING."



4.10 <u>Drawing No. M601 – SCHEDULES AIR DISTRIBUTION</u>

- 1. On the Fan Schedule, revise note at the bottom to read as follows:
 - a. "EXHAUST FANS EF-E, EF-G, & EF- J1: MOTORIZED DAMPERS LOCATED REMOTE FROM FAN. SEE SHEET M202A."

4.11 <u>Drawing No. M611 – SCHEDULES - HYDRONICS</u>

1. On the Air-Cooled Chiller Schedule, under the REMARKS column, change the MOCP to read 600A instead of 500A.

4.12 <u>Drawing No. M702 – CONTROLS – CHILLED WATER</u>

1. Reissue this sheet in its entirety.

4.13 <u>Drawing No. M705 – CONTROLS – AHU-4</u>

- 1. Delete CO2 sensor, and humidity sensor shown in return air pathway. Delete Space Temperature symbol. Temperature will be reported by VAV boxes in Cafeteria.
- 2. On the Control Points List, delete Space Temperature.

4.14 Drawing No. M708 – CONTROLS - MISCELLANEOUS

1. Reissue this sheet in its entirety.

4.15 Drawing No. E100 – SITE PLAN - ELECTRICAL

1. Reissue this sheet in its entirety.

4.16 <u>Drawing No. E211A - FIRST FLOOR PLAN - POWER - UNIT A</u>

1. Reissue this sheet in its entirety.

4.17 Drawing No. E211C - FIRST FLOOR PLAN - POWER - UNIT C

1. Reissue this sheet in its entirety.

4.18 <u>Drawing No. E211D - FIRST FLOOR PLAN - POWER - UNIT D</u>

1. Reissue this sheet in its entirety.

4.19 <u>Drawing No. E212A - SECOND FLOOR PLAN - POWER - UNIT A</u>

1. Reissue this sheet in its entirety.

4.20 <u>Drawing No. E212C - SECOND FLOOR PLAN - POWER - UNIT C</u>

1. Reissue this sheet in its entirety.

- 4.21 <u>Drawing No. E220 ROOF PLAN ELECTRICAL</u>
 - 1. Reissue this sheet in its entirety.
- 4.22 <u>Drawing No. E301 MECH AND ELEC UNIT D ELECTRICAL</u>
 - 1. Reissue this sheet in its entirety.
- 4.23 <u>Drawing No. E302 MECHANICAL PENTHOUSE ELECTRICAL</u>
 - 1. Reissue this sheet in its entirety.
- 4.24 <u>Drawing E361 ENLARGED KITCHEN PLAN ELECTRICAL</u>
 - 1. Reissue this sheet in its entirety.
 - 2. Add connection E46.2 as indicated.
 - 3. Revise connection E46.1 as indicated.
- 4.25 <u>Drawing E362 ENLARGED KITCHEN PLAN SCHEDULES</u>
 - 1. Reissue this sheet in its entirety.
 - 2. Revise connection E31 description as indicated.
 - 3. Add connection E46.2 as indicated.
- 4.26 Drawing No. E404 DETAILS LIGHTING CONTROL
 - 1. Reissue this sheet in its entirety.
- 4.27 Drawing No. E601 SCHEDULES ELECTRICAL
 - 1. Reissue this sheet in its entirety.
- 4.28 <u>Drawing No. E612 SCHEDULES PANELBOARDS STANDBY, TELECOM, KITCHEN</u>
 - 1. Reissue this sheet in its entirety.
- 4.29 <u>Drawing No. E613 SCHEDULES PANELBOARDS FIRST FLOOR</u>
 - 1. Reissue this sheet in its entirety.
- 4.30 <u>Drawing No. T100 SITE PLAN TELECOM</u>
 - 1. Reissue this sheet in its entirety.
 - 2. Add conduit to light poles for future Surveillance Cameras and Wireless Access Points.
- 4.31 Drawing No. T201D FIRST FLOOR PLAN TELECOM. UNIT D
 - 1. Reissue this sheet in its entirety.

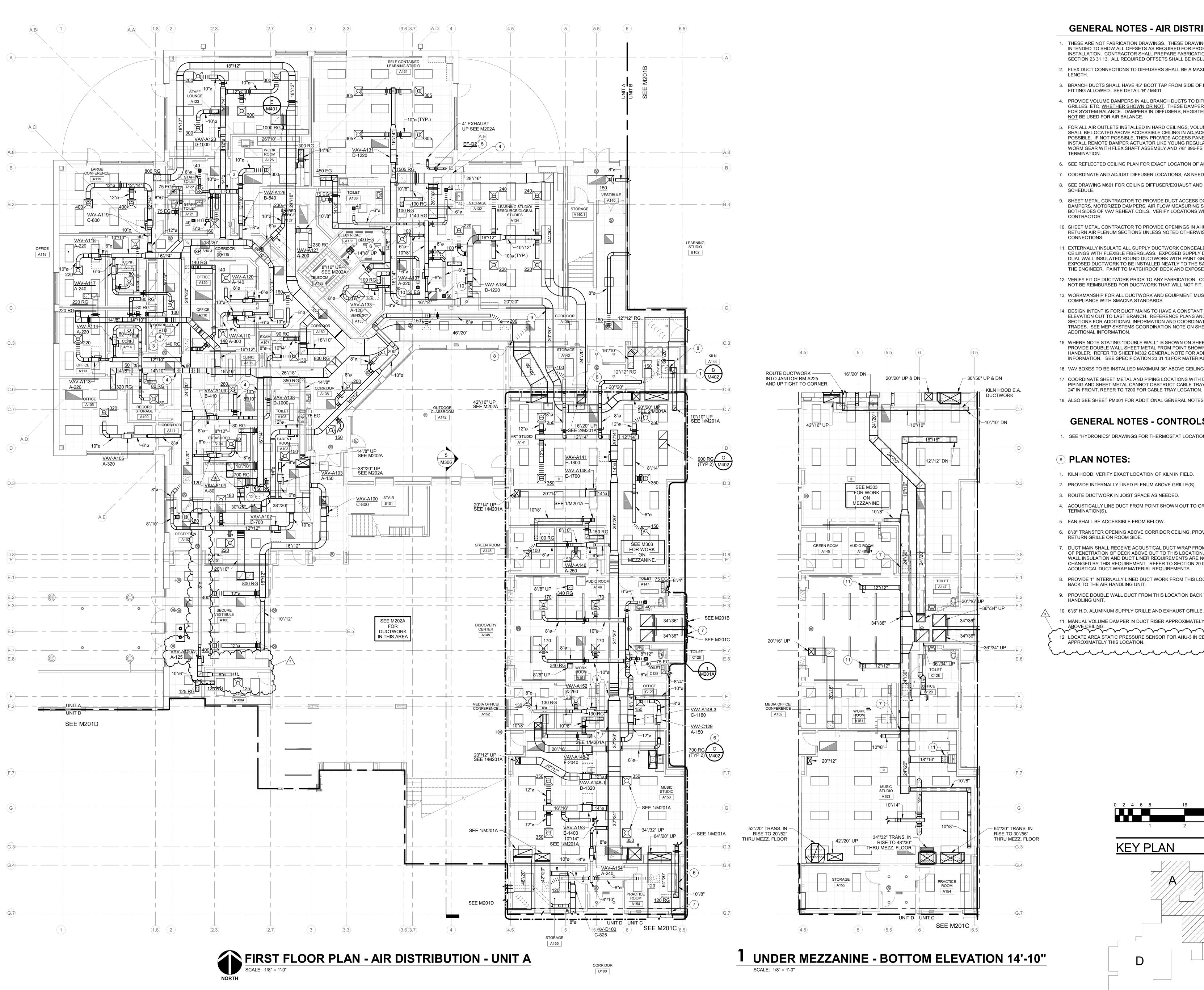


- 2. Add Plan Note #9 to Door D105B.
- 4.32 <u>Drawing No. T202A SECOND FLOOR PLAN TELECOM. UNIT A</u>
 - 1. Reissue this sheet in its entirety.
 - 2. Add Plan Note #1 to Door A220A.

PART 5 - QUESTIONS AND ANSWERS

5.1 NOT USED

END ADDENDUM



GENERAL NOTES - AIR DISTRIBUTION:

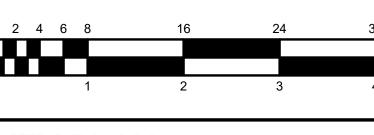
- 1. THESE ARE NOT FABRICATION DRAWINGS. THESE DRAWINGS ARE NOT INTENDED TO SHOW ALL OFFSETS AS REQUIRED FOR PROPER DUCTWORK INSTALLATION. CONTRACTOR SHALL PREPARE FABRICATION DRAWINGS PER SECTION 23 31 13. ALL REQUIRED OFFSETS SHALL BE INCLUDED IN BID PRICE.
- 2. FLEX DUCT CONNECTIONS TO DIFFUSERS SHALL BE A MAXIMUM OF 3'-0" IN
- 3. BRANCH DUCTS SHALL HAVE 45° BOOT TAP FROM SIDE OF MAIN. NO SPIN-IN FITTING ALLOWED. SEE DETAIL 'B' / M401.
- 4. PROVIDE VOLUME DAMPERS IN ALL BRANCH DUCTS TO DIFFUSERS, EXHAUST GRILLES, ETC. WHETHER SHOWN OR NOT. THESE DAMPERS ARE TO BE USED FOR SYSTEM BALANCE. DAMPERS IN DIFFUSERS, REGISTERS, ETC. SHALL NOT BE USED FOR AIR BALANCE.
- 5. FOR ALL AIR OUTLETS INSTALLED IN HARD CEILINGS, VOLUME DAMPERS SHALL BE LOCATED ABOVE ACCESSIBLE CEILING IN ADJACENT SPACE IF POSSIBLE. IF NOT POSSIBLE, THEN PROVIDE ACCESS PANEL IN CEILING OR INSTALL REMOTE DAMPER ACTUATOR LIKE YOUNG REGULATOR CO. 1200 WORM GEAR WITH FLEX SHAFT ASSEMBLY AND 7/8" 896-FS CEILING TERMINATION.
- 6. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF AIR OUTLETS.
- 7. COORDINATE AND ADJUST DIFFUSER LOCATIONS, AS NEEDED.
- 8. SEE DRAWING M601 FOR CEILING DIFFUSER/EXHAUST AND RETURN REGISTER SCHEDULE.
- 9. SHEET METAL CONTRACTOR TO PROVIDE DUCT ACCESS DOORS FOR FIRE DAMPERS, MOTORIZED DAMPERS, AIR FLOW MEASURING STATIONS, AND ON BOTH SIDES OF VAV REHEAT COILS. VERIFY LOCATIONS WITH MECHANICAL CONTRACTOR.
- 10. SHEET METAL CONTRACTOR TO PROVIDE OPENINGS IN AHU SUPPLY AND RETURN AIR PLENUM SECTIONS UNLESS NOTED OTHERWISE FOR DUCT CONNECTIONS.
- 11. EXTERNALLY INSULATE ALL SUPPLY DUCTWORK CONCEALED ABOVE CEILINGS WITH FLEXIBLE FIBERGLASS. EXPOSED SUPPLY DUCTWORK TO BE DUAL WALL INSULATED ROUND DUCTWORK WITH PAINT GRIP FINISH. ALL EXPOSED DUCTWORK TO BE INSTALLED NEATLY TO THE SATISFACTION OF THE ENGINEER. PAINT TO MATCHROOF DECK AND EXPOSED STEEL.
- 12. VERIFY FIT OF DUCTWORK PRIOR TO ANY FABRICATION. CONTRACTOR WILL NOT BE REIMBURSED FOR DUCTWORK THAT WILL NOT FIT.
- 13. WORKMANSHIP FOR ALL DUCTWORK AND EQUIPMENT MUST BE IN COMPLIANCE WITH SMACNA STANDARDS.
- 14. DESIGN INTENT IS FOR DUCT MAINS TO HAVE A CONSTANT BOTTOM ELEVATION OUT TO LAST BRANCH. REFERENCE PLANS AND MECHANICAL SECTIONS FOR ADDITIONAL INFORMATION AND COORDINATION WITH OTHER TRADES. SEE MEP SYSTEMS COORDINATION NOTE ON SHEET PM001 FOR ADDITIONAL INFORMATION.
- 15. WHERE NOTE STATING "DOUBLE WALL" IS SHOWN ON SHEET METAL MAINS, PROVIDE DOUBLE WALL SHEET METAL FROM POINT SHOWN BACK TO AIR HANDLER. REFER TO SHEET M302 GENERAL NOTE FOR ADDITIONAL INFORMATION. SEE SPECIFICATION 23 31 13 FOR MATERIAL SPECIFICATION.
- 16. VAV BOXES TO BE INSTALLED MAXIMUM 36" ABOVE CEILINGS.
- 17. COORDINATE SHEET METAL AND PIPING LOCATIONS WITH DATA CABLE TRAY. PIPING AND SHEET METAL CANNOT OBSTRUCT CABLE TRAY 12" ABOVE AND 24" IN FRONT. REFER TO T200 FOR CABLE TRAY LOCATION.
- 18. ALSO SEE SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

GENERAL NOTES - CONTROLS:

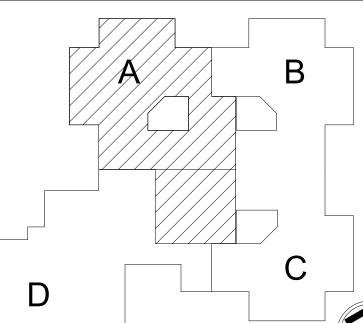
1. SEE "HYDRONICS" DRAWINGS FOR THERMOSTAT LOCATIONS.

PLAN NOTES:

- 1. KILN HOOD. VERIFY EXACT LOCATION OF KILN IN FIELD.
- 2. PROVIDE INTERNALLY LINED PLENUM ABOVE GRILLE(S).
- 3. ROUTE DUCTWORK IN JOIST SPACE AS NEEDED
- 4. ACOUSTICALLY LINE DUCT FROM POINT SHOWN OUT TO GRILLE(S)/ TERMINATION(S).
- 5. FAN SHALL BE ACCESSIBLE FROM BELOW.
- 6. 8"/8" TRANSFER OPENING ABOVE CORRIDOR CEILING. PROVIDE RETURN GRILLE ON ROOM SIDE.
- 7. DUCT MAIN SHALL RECEIVE ACOUSTICAL DUCT WRAP FROM POINT OF PENETRATION OF DECK ABOVE OUT TO THIS LOCATION. DOUBLE WALL INSULATION AND DUCT LINER REQUIREMENTS ARE NOT CHANGED BY THIS REQUIREMENT. REFER TO SECTION 20 01 80 FOR ACOUSTICAL DUCT WRAP MATERIAL REQUIREMENTS.
- 8. PROVIDE 1" INTERNALLY LINED DUCT WORK FROM THIS LOCATION BACK TO THE AIR HANDLING UNIT.
- 9. PROVIDE DOUBLE WALL DUCT FROM THIS LOCATION BACK TO AIR
- 10. 6"/6" H.D. ALUMINUM SUPPLY GRILLE AND EXHAUST GRILLE. 11. MANUAL VOLUME DAMPER IN DUCT RISER APPROXIMATELY 36" ABOVE CEILING.
- 12. LOCATE AREA STATIC PRESSURE SENSOR FOR AHU-3 IN CEILING APPROXIMATELY THIS LOCATION.



KEY PLAN



CERTIFIED BY:

PROJECT NUMBER 2021119

DRAWING NUMBER

M201A

Hamilton
Southeastern
Schools

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Addendum#3 02/09/2024

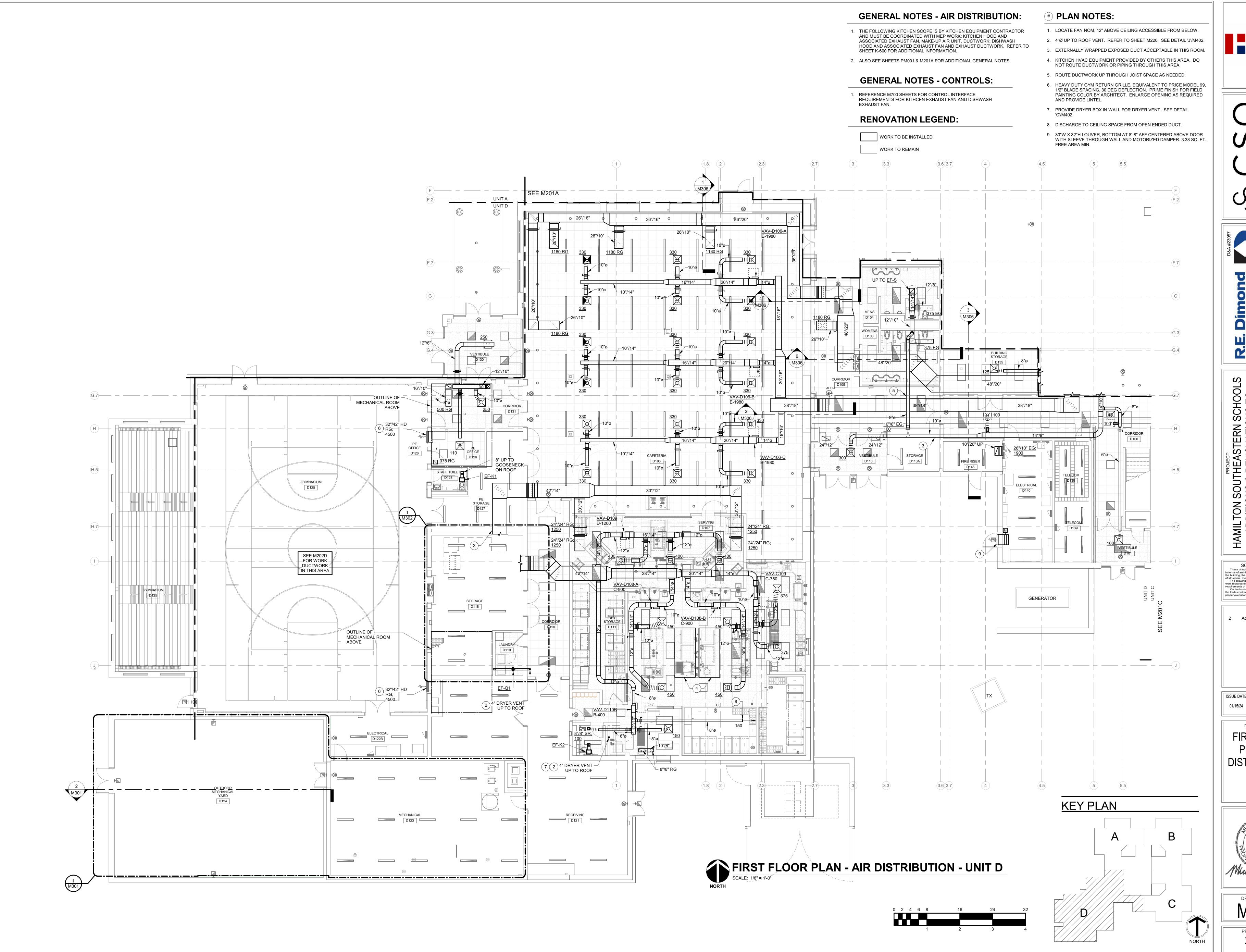
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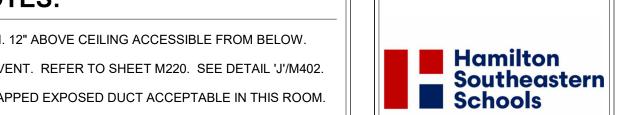
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EPK

01/15/24

DRAWING TITLE: FIRST FLOOR PLAN - AIR **DISTRIBUTION -**





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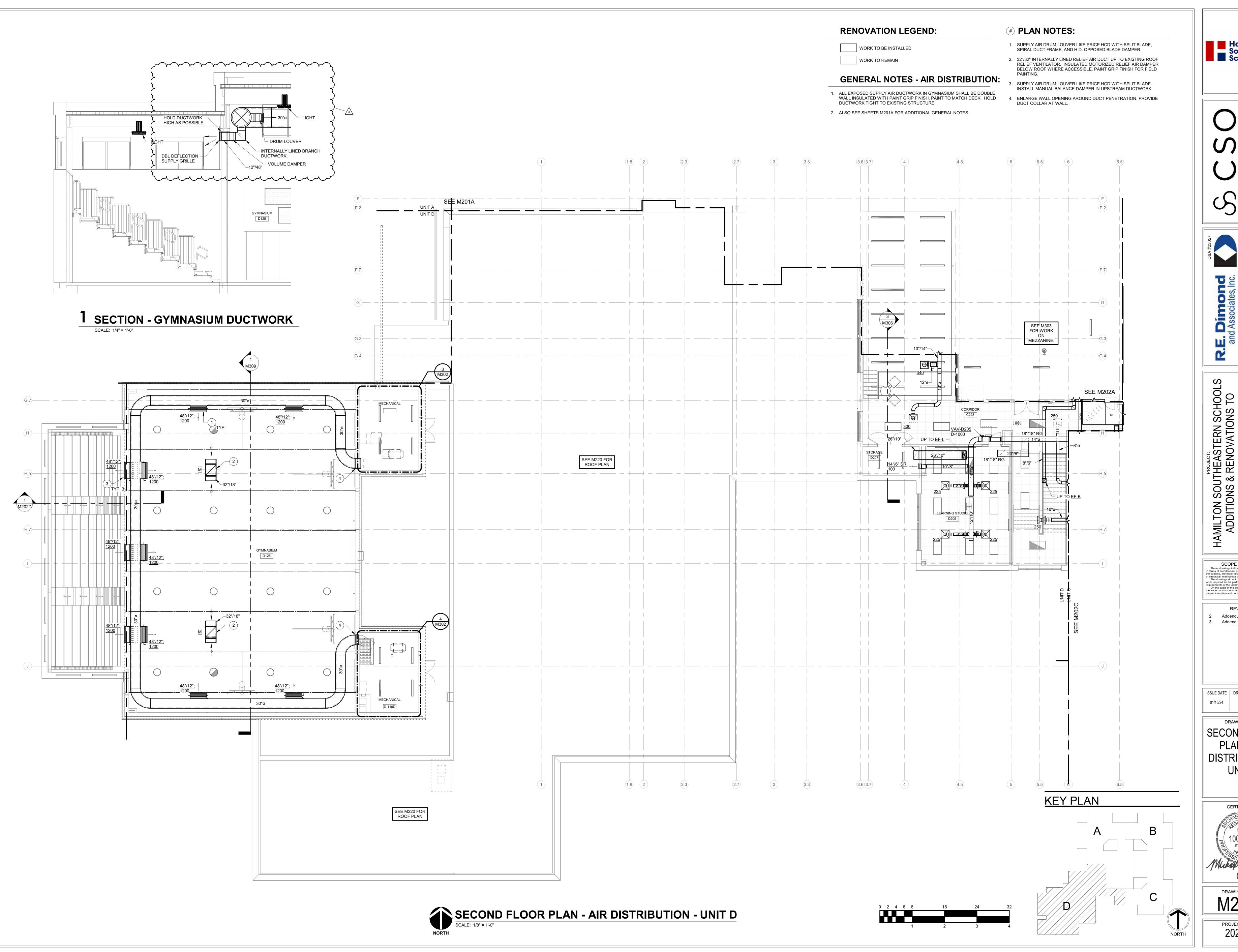
REVISIONS: Addendum#2 02/02/2024

ISSUE DATE | DRAWN BY | CHECKED BY EPK

DRAWING TITLE: FIRST FLOOR PLAN - AIR DISTRIBUTION -UNIT D



DRAWING NUMBER M201D PROJECT NUMBER 2021119





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732 North Capitol Avenue
Indianapolis, IN 46204
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ADDITIONS & RENOVATIONS TC FISHERS ELEMENTARY SCHOOL 11442 Lantern Rd, Fishers, IN 46038

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REVISIONS:

Addendum#2 02/02/2024

Addendum#3 02/09/2024

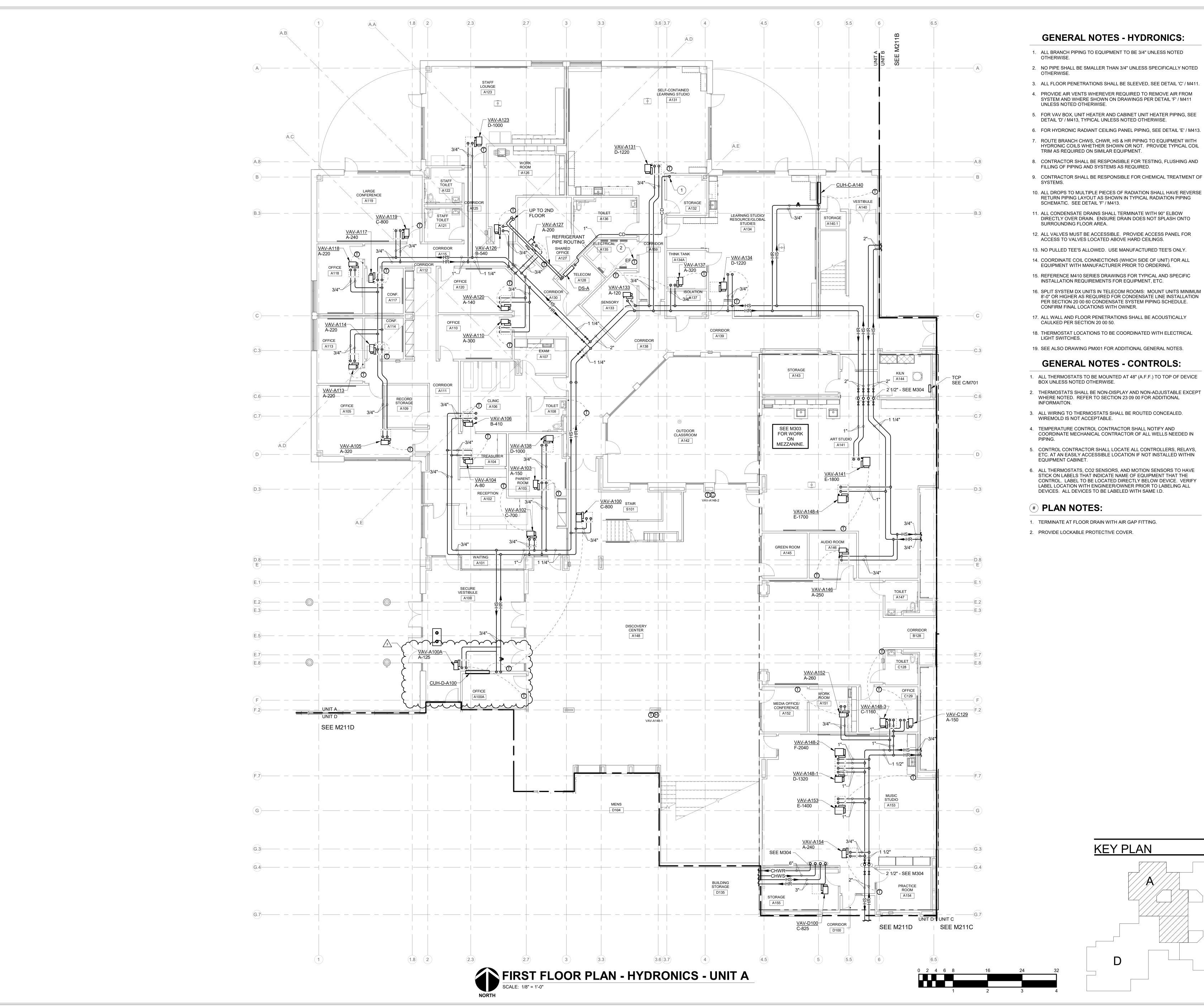
ISSUE DATE DRAWN BY CHECKED BY 01/15/24 EPK MJE

SECOND FLOOR
PLAN - AIR
DISTRIBUTION UNIT D



DRAWING NUMBER
M202D

PROJECT NUMBER
2021119



GENERAL NOTES - HYDRONICS:

- 1. ALL BRANCH PIPING TO EQUIPMENT TO BE 3/4" UNLESS NOTED
- 2. NO PIPE SHALL BE SMALLER THAN 3/4" UNLESS SPECIFICALLY NOTED
- 4. PROVIDE AIR VENTS WHEREVER REQUIRED TO REMOVE AIR FROM SYSTEM AND WHERE SHOWN ON DRAWINGS PER DETAIL 'F' / M411
- 5. FOR VAV BOX, UNIT HEATER AND CABINET UNIT HEATER PIPING, SEE DETAIL 'D' / M413, TYPICAL UNLESS NOTED OTHERWISE.
- 6. FOR HYDRONIC RADIANT CEILING PANEL PIPING, SEE DETAIL 'E' / M413.
- ROUTE BRANCH CHWS, CHWR, HS & HR PIPING TO EQUIPMENT WITH HYDRONIC COILS WHETHER SHOWN OR NOT. PROVIDE TYPICAL COIL
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING, FLUSHING AND
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR CHEMICAL TREATMENT OF
- RETURN PIPING LAYOUT AS SHOWN IN TYPICAL RADIATION PIPING
- 11. ALL CONDENSATE DRAINS SHALL TERMINATE WITH 90° ELBOW DIRECTLY OVER DRAIN. ENSURE DRAIN DOES NOT SPLASH ONTO
- 12. ALL VALVES MUST BE ACCESSIBLE. PROVIDE ACCESS PANEL FOR ACCESS TO VALVES LOCATED ABOVE HARD CEILINGS.
- 13. NO PULLED TEE'S ALLOWED. USE MANUFACTURED TEE'S ONLY.
- EQUIPMENT WITH MANUFACTURER PRIOR TO ORDERING.
- 15. REFERENCE M410 SERIES DRAWINGS FOR TYPICAL AND SPECIFIC
- 16. SPLIT SYSTEM DX UNITS IN TELECOM ROOMS: MOUNT UNITS MINIMUM 8'-0" OR HIGHER AS REQUIRED FOR CONDENSATE LINE INSTALLATION
- 18. THERMOSTAT LOCATIONS TO BE COORDINATED WITH ELECTRICAL
- 19. SEE ALSO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

GENERAL NOTES - CONTROLS:

- 1. ALL THERMOSTATS TO BE MOUNTED AT 48" (A.F.F.) TO TOP OF DEVICE
 - THERMOSTATS SHALL BE NON-DISPLAY AND NON-ADJUSTABLE EXCEPT WHERE NOTED. REFER TO SECTION 23 09 00 FOR ADDITIONAL
- 3. ALL WIRING TO THERMOSTATS SHALL BE ROUTED CONCEALED.
- 4. TEMPERATURE CONTROL CONTRACTOR SHALL NOTIFY AND COORDINATE MECHANICAL CONTRACTOR OF ALL WELLS NEEDED IN
- 5. CONTROL CONTRACTOR SHALL LOCATE ALL CONTROLLERS, RELAYS,
- 6. ALL THERMOSTATS, CO2 SENSORS, AND MOTION SENSORS TO HAVE STICK ON LABELS THAT INDICATE NAME OF EQUIPMENT THAT THE CONTROL. LABEL TO BE LOCATED DIRECTLY BELOW DEVICE. VERIFY LABEL LOCATION WITH ENGINEER/OWNER PRIOR TO LABELING ALL
- 1. TERMINATE AT FLOOR DRAIN WITH AIR GAP FITTING.
- 2. PROVIDE LOCKABLE PROTECTIVE COVER.

KEY PLAN





Dímo d Associate

Consulting E
732 North Capitol Av
Indianapolis, IN 4620
Phone: (317) 634-467
www.redimond.com

7

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> REVISIONS: Addendum#3 02/09/2024

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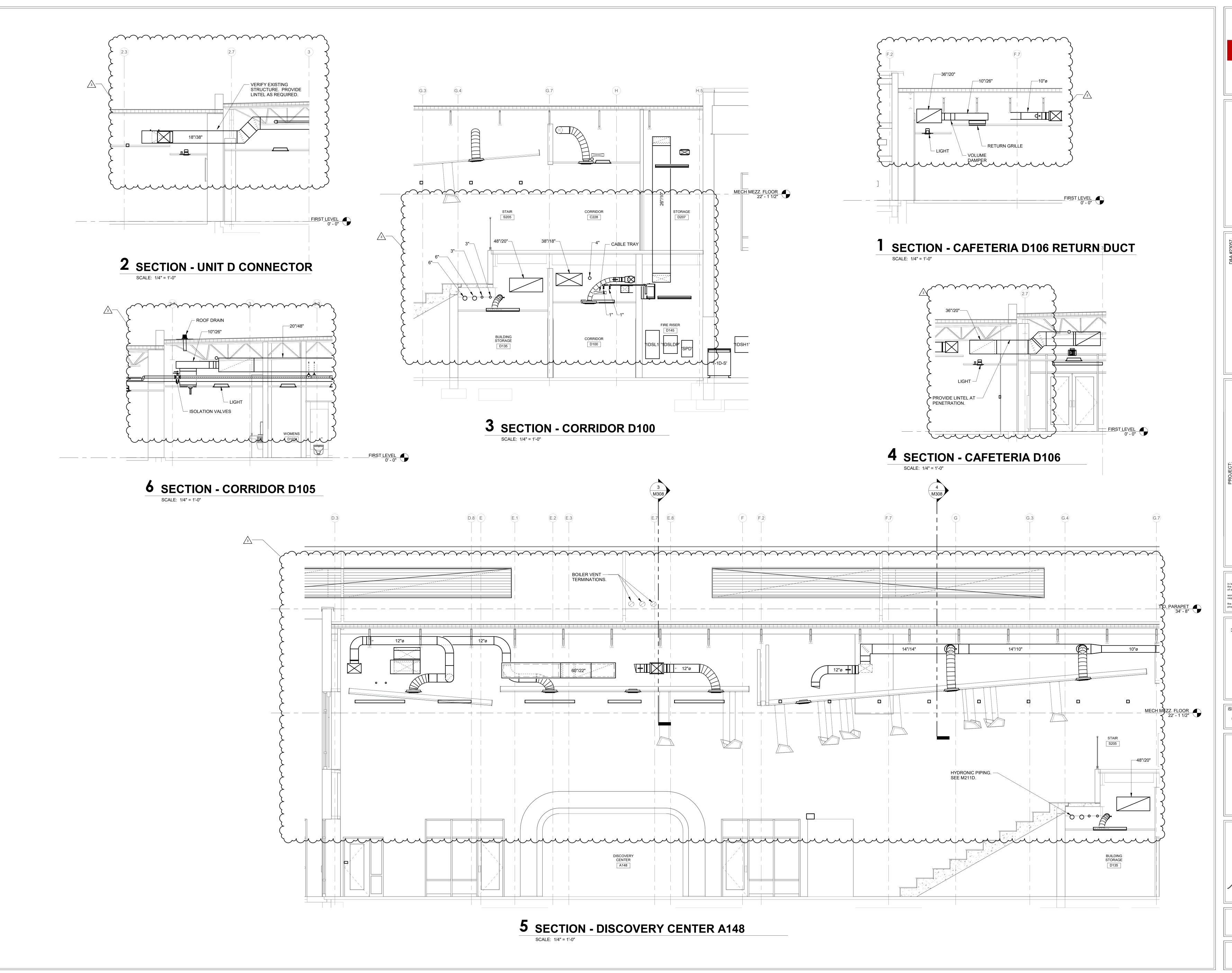
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01/15/24

DRAWING TITLE: FIRST FLOOR UNIT A



DRAWING NUMBER M211A PROJECT NUMBER 2021119







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SCHOOL
SCHOOL
42 Lantern Rd, Fishers, IN 46038

SCOPE DRAWINGS:

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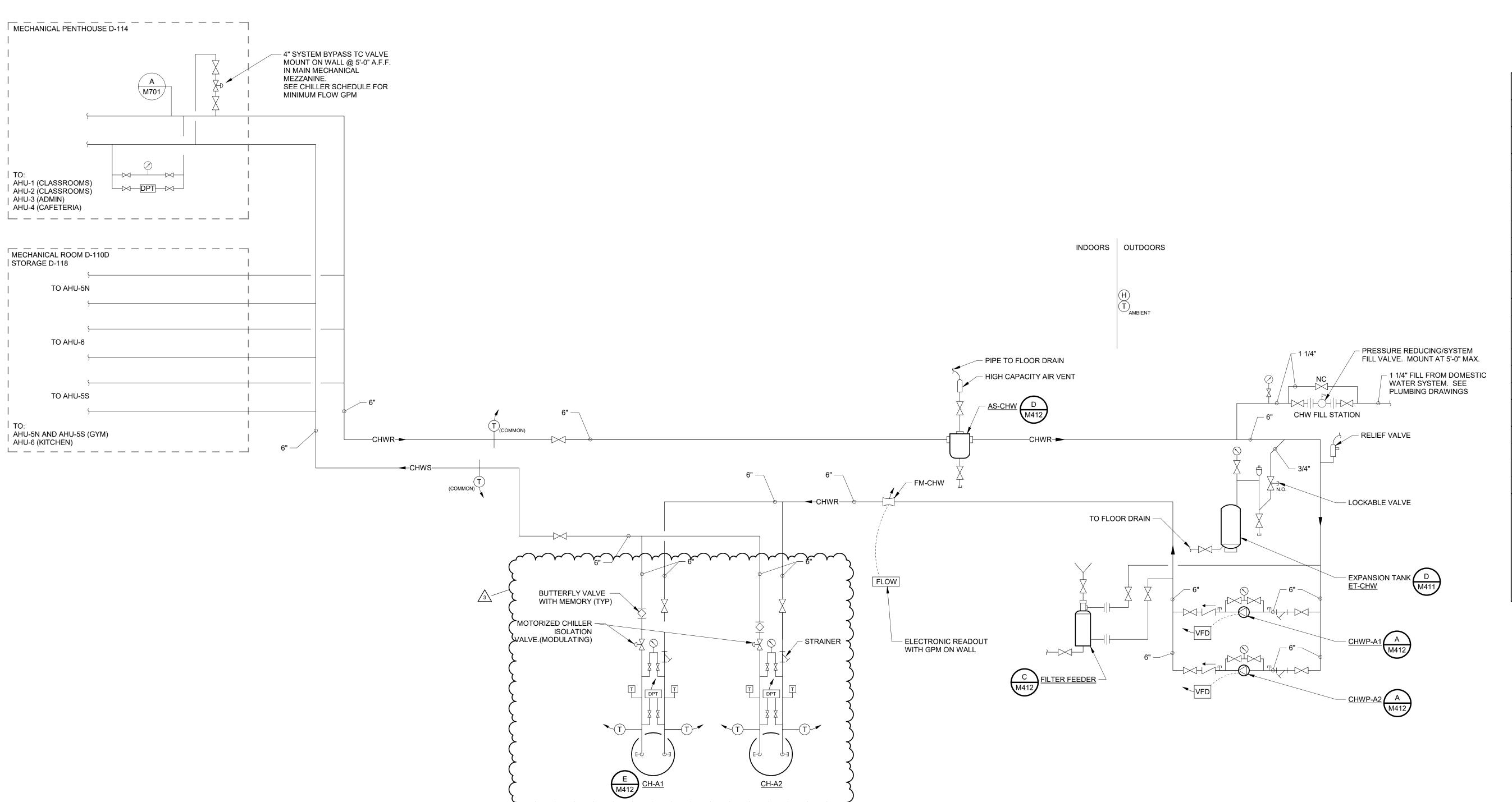
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SECTIONS MECHANICAL



M306



CONTROL POINTS	LIST			
ITEM		SIGNA	L TYPE	
CHILLED WATER SYSTEM MISC. POINTS	DI	Al	АО	[
CHILLED WATER MAKE-UP METER 1		1		
CHWS TEMPERATURE (COMMON)		1		
CHWR TEMPERATURE (COMMON)		1		
CHILLED WATER DPT'S		1		
FLOW METER (FM-CHW)		1		
MASTER OUTSIDE AIR TEMPERATURE		1		
CHILLED WATER MAKE-UP METER	1			
TYPICAL CHILLER (CH) (2)	DI	Al	AO	[
CHWS TEMPERATURE		1		
CHWR TEMPERATURE		1		
CHILLED WATER ISOLATION TC VALVE 4		1	1	
REMOTE START/STOP				
CHILLER STATUS	1			
CHILLER DIFFERENTIAL PRESSURE SENSOR		1		
TYPICAL CHILLED WATER PUMP (CHWP) 3	DI	Al	AO	[
REMOTE START/STOP				
VFD CONTROL			1	
RUN STATUS	1			

1 BY CHEMICAL TREATMENT CONTRACTOR

2 CHILLER TO BE INTERFACED WITH B.A.S. VIA BACNET

(3) CONNECT TO B.A.S. USING BACNET

4 CHILLER ISOLATION VALVES HAVE END SWITCHES HARDWIRED FOR PUMP OPERATION (ONE PUMP PERATING REQUIRES ONE VALVE PROVEN OPEN, TWO PUMPS OPERATING REQUIRES TWO VALVES PROVEN OPEN)

CHILLED WATER SYSTEM SCHEMATIC

CHILLED WATER SYSTEM SEQUENCE

- 1. THE CHILLED WATER SYSTEM CONSISTS OF TWO (2) AIR-COOLED CHILLERS, TWO (2) VARIABLE PRIMARY PUMPS (ONE STANDBY) PIPED COMMON TO BOTH CHILLERS (ONE STANDBY), AND A SYSTEM BYPASS TO MAINTAIN MINIMUM FLOW THROUGH ONE
- 2. BAS SHALL COMMUNICATE DIRECTLY WITH CONTROLS MOUNTED ON AND PROVIDED WITH CHILLER BY CHILLER MANUFACTURER. ALL THE FOLLOWING CHILLER CONDITIONS SHALL BE CONTROLLABLE AND/OR READABLE THROUGH THE BAS. BAS SHALL USE THE FOLLOWING POINTS: INCLUDING BUT NOT LIMITED TO CHWS TEMPERATURE, CHWR TEMPERATURE, CHW ΔP, TROUBLE, % LOAD, LOAD LIMITING, ETC., TO CONTROL THE CHILLED WATER SYSTEM.
- 3. CHILLED WATER SYSTEM SHALL BE INDEXED ON WHENEVER THE AMBIENT TEMPERATURE RISES ABOVE 54°F. (ADJ.)
- 4. THE CHILLERS SHALL OPERATE FROM THEIR OWN CONTROL SEQUENCES AFTER BAS ENABLES THEM.
- 5. WHEN THE CHILLED WATER SYSTEM IS ENABLED THE FOLLOWING WILL OCCUR:
- a. THE CHILLED WATER VALVES FOR THE RESPECTIVE LEAD CHILLER SHALL OPEN. THESE VALVES ARE MODULATING AND CAN BE USED FOR BALANCING, IF SO REQUIRED.
- b. ONE VARIABLE PRIMARY CHILLED WATER PUMP (CHWP). SHALL BE ENERGIZED AFTER ISOLATION VALVE PROVES
- c. WHEN FLOW SWITCHES PROVE FLOW THROUGH THE
- CHILLER, THEN THE CHILLER SHALL START AND OPERATE UNDER IT'S OWN CONTROLS TO MAINTAIN CHILLED WATER SUPPLY SETPOINT.
- 6. THE SECOND CHILLER SHALL BE ENABLED BY THE BAS BASED ON THE CALCULATED TONNAGE OF THE BUILDING LOAD. THE TONNAGE SHALL BE CALCULATED USING THE CHILLED WATER FLOW METER, BUILDING CHILLED WATER SUPPLY TEMPERATURE AND BUILDING CHILLED WATER RETURN TEMPERATURE. WHEN THE TONNAGE EXCEEDS LEAD CHILLER NOMINAL TONNAGE FOR MORE THAN 20 MINUTES, THEN THE SECOND CHILLER SHALL BE ENERGIZED. EVERY 500 HOURS THE LEAD CHILLER AND RESPECTIVE CHILLED WATER PUMP, SHALL BE ROTATED.

- 7. WHEN THE CHILLED WATER LOAD HAS BEEN DETERMINED BY THE CALCULATION, THE DDC CONTROLLER SHALL ENERGIZE THE SECOND CHILLER PUMP (CHWP) AND THE SECOND CHILLER CONTROL CIRCUIT ENABLED. DURING CHANGE OVER TO TWO CHILLER OPERATION, MINIMUM FLOW SHALL BE MAINTAINED AT BOTH CHILLERS. THE LEAD CHILLER SHALL BE COMMANDED TO UNLOAD FOR APPROXIMATELY 3 MINUTES PRIOR TO ENABLING THE SECOND CHILLER. WATER FLOW SWITCHES SHALL BE FURNISHED BY THE CHILLER MANUFACTURER AND WIRED BY THE TEMPERATURE CONTROL CONTRACTOR TO THE RESPECTIVE
- 8. AS THE CHILLERS BACK OFF TO LESS THAN 50% LOADED (ADJ.) FOR MORE THAN 20 MINUTES, THEN ONE CHILLER SHALL BE DE-ENERGIZED. DE-ENERGIZE CHILLER BY FIRST DISABLING CHILLER THEN DE-ENERGIZE ONE CHILLER PUMP THEN CLOSE RESPECTIVE CHILLER ISOLATION VALVES.

CHILLER CONTROL CIRCUIT, IF REQUIRED.

- 9. THE VARIABLE PRIMARY CHILLED WATER PUMPS (CHWP'S) SHALL BE OPERATED AND STAGED ON FROM SIGNALS FROM TWO REMOTE MOUNTED DIFFERENTIAL PRESSURE SENSORS (WHERE SHOWN ON DRAWINGS). VARIABLE FREQUENCY DRIVE SHALL INCREASE PUMP SPEED TO SATISFY 20' OF DIFFERENTIAL PRESSURE AS MEASURED BY DPT'S. WHEN ONE PUMP AT 80% CANNOT SATISFY THE DPT'S THEN THE SECOND PUMP SHALL BE ENERGIZED. WHEN TWO PUMPS CAN SATISFY DPT'S WITH LESS THAN 40% LOAD, THEN ONE OF THE TWO PUMPS SHALL BE DE-ENERGIZED.
- 10. IF FOR ANY REASON CHILLER LEAVING TEMPERATURE SHOULD RISE ABOVE 80°F THEN CHILLER PUMP SHALL STOP, VALVE SHALL CLOSE, AND CHILLER SHALL BE DE-ENERGIZED. 11. WHENEVER THERE IS A CALL FOR CHILLED WATER, THE MINIMUM FLOW BYPASS VALVE SHALL BE MODULATED OPEN AS REQUIRED TO MAINTAIN CHILLER MINIMUM FLOW. VALVE SHALL BE CLOSED AT ALL OTHER TIMES.
- 12. ALARMS: BAS SHALL RECEIVE ALARM IF:
- a. THREE GALLONS OF MAKE-UP WATER IS METERED IN LESS THAN 24 HOURS.





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01/15/24 SDF MJE DRAWING TITLE:

CONTROLS -CHILLED WATER



DRAWING NUMBER

CONTROL POINTS LIST							
ITEM	SIGNAL TYPE						
TYPICAL CABINET UNIT HEATER DI AI AO							
SPACE TEMPERATURE		1					
ATING WATER TC VALVE 1							
FAN START/STOP				1			

CONTROL POINTS	LIST			
ITEM		SIGNA	L TYPE	
TYPICAL FAN COIL UNIT	DI	Al	AO	DO
SPACE TEMPERATURE		1		
HEATING WATER TC VALVE			1	
FAN START/STOP				1
CHILLED WATER TC VALVE			1	
DISCHARGE AIR TEMPERATURE		1		

CONTROL POINTS	LIST			
ITEM		SIGNA	L TYPE	
TYPICAL RADIANT CEILING PANEL	DI	Al	AO	DO
HEATING WATER TC VALVE			1	
SPACE TEMPERATURE		1		

CONTROL POINTS	LIST			
ITEM		SIGNA	L TYPE	
TYPICAL EF UNLESS NOTED OTHERWISE	DI	Al	AO	DO
REMOTE START/STOP				1
CURRENT SENSOR		1		
MOTORIZED DAMPER AND END SWITCH	1			1

CONTROL POINTS LIST										
ITEM	SIGNAL TYPE									
MECHANICAL ROOM D123 VENTILATION	DI	Al	AO	DO						
SPACE TEMPERATURE		1								
VENTILATION AIR DAMPER ACTUATOR AND END SWITCH	1			1						
REFRIGERANT LEAK DETECTION				1						
SPACE LOW LIMIT ALARM				1						
NOTE:										
SEE TYPICAL EXHAUST FAN AND UNIT HEATER POINTS LISTS FOR ADDITIONAL POINTS AND SIGNAL TYPES.										

CONTROL POINTS LIST										
ITEM	SIGNAL TYPE									
TYPICAL VAV WITH HEATING COIL	DI	Al	AO	DO						
SPACE TEMPERATURE		1								
AIR VALVE ACTUATOR			1							
HEATING WATER TC VALVE			1							
AIR VALVE CFM		1								
SPACE CO2 SENSOR (WHERE INDICATED)		1								
OCCUPANCY SENSOR	1									
SPACE HUMIDITY SENSOR (WHERE INDICATED)		1								
DISCHARGE AIR TEMPERATURE		1								

CABINET UNIT HEATER SEQUENCE OF OPERATION:

- A. THERMOSTAT SHALL CYCLE FAN AND MODULATE CONTROL VALVE TO MAINTAIN SPACE TEMPERATURE SETPOINT SET TO PROVIDE HEAT WHEN SPACE IS BELOW 60°F. IF NO THERMOSTAT INDICATED, UNIT SHALL UTILZE A RETURN AIR DDC TEMPERATURE SENSOR.
- B. ABOVE 60°F. (ADJ.) AMBIENT TEMPERATURE, ALL CUH'S SHALL BE LOCKED OUT.
- C. VESTIBULE CABINET UNIT HEATER VALVES SHALL FAIL OPEN.

PROPELLER UNIT HEATER SEQUENCE OF OPERATION:

- A. WALL MOUNTED LINE VOLTAGE SPACE THERMOSTAT SHALL CYCLE FAN AND MODULATE CONTROL VALVE TO MAINTAIN SPACE TEMPERATURE SETPOINT.
- B. ABOVE 60°F. (ADJ.) AMBIENT TEMPERATURE, ALL PUH'S SHALL BE LOCKED OUT.

FAN COIL UNIT HEATER SEQUENCE OF OPERATION:

A. DDC THERMOSTAT SHALL CYCLE FAN AND MODULATE CONTROL VALVES TO MAINTAIN SPACE TEMPERATURE SETPOINT.

RADIANT CEILING PANEL CONTROL SEQUENCE:

- A. ABOVE 60°F (ADJ.) AMBIENT TEMPERATURE, ALL RCPs SHALL BE LOCKED OUT.
- B. WALL MOUNTED DDC SENSOR SHALL MODULATE RCP HEATING WATER VALVE

1. EACH FAN SHALL HAVE INDIVIDUAL CONTROL SO OWNER CAN

3. FOR FANS SERVING MULTIPLE SPACES, OCCUPANCY SENSOR

THERMOSTATS. FAN SHALL BE ON WHEN SPACE IS ABOVE 86°F

THERMOSTAT IN EITHER SPACE SHALL TURN FAN ON, AND BOTH SPACES SHALL BE BELOW SETPOINT BEFORE FAN IS TURNED

INTERLOCK VENTILATION DAMPER WITH IN ELECTRIAL ROOM TO OPEN WHEN FAN IS INDEXED ON, AND BE CLOSED OTHERWISE.

a. CYCLE PROPELLER UNIT HEATER FAN AND VALVE AS NEEDED TO

a. IF TEMPERATURE RISES ABOVE 85°F, OPEN ROOM VENTILATION FAN,

b. TURN OFF FAN AND CLOSE DAMPERS WHEN SPACE TEMPERATURE

a. UPON NOTIFICATION OF REFRIGERANT LEAK FROM LEAK DETECTOR, ACTIVATE AUDIBLE AND VISIBLE SPACE ANNUNCIATORS, OPEN ROOM VENTILATION DAMPERS, OPEN VENTILATION FAN EF DAMPERS, AND

b. AFTER THE LEAK DETECTION SIGNAL CEASES NOTIFICATION, WAIT TWO (2) MINUTES, INDEX EF FAN TO "OFF", CLOSE EF DAMPERS AND

1. GLOBAL COMMAND TO INDEX VAV AIR VALVES TO THE FOLLOWING

a. AT AMBIENT TEMPERATURE OF LESS THAN 50°F. ALL VAV

b. AT AMBIENT TEMPERATURE OF GREATER THAN 50°F. ALL VAV BOXES SHALL HAVE MINIMUM CFM SET 35% OF VAV DESIGN CFM.

2. IF SPACE TEMPERATURE INCREASES, VAV VALVE SHALL MODULATE

4. WHERE SHOWN ON DRAWINGS, SPACE CO2 SENSORS SHALL BE FOR

1. AIR VALVES SHALL HAVE A MINIMUM SETTING OF 10% OF DESIGN CFM.

2. ON A CALL FOR HEAT, AIR VALVE SHALL BE AT MINIMUM UNOCCUPIED CFM SETTING. IF SPACE TEMPERATURE CANNOT BE SATISFIED AND

HEATING WATER VALVE IS INDEXED TO 100% OPEN, THEN AIR VALVE

SHALL MODULATE OPEN TO MAINTAIN UNOCCUPIED TEMPERATURE.

AIR VALVE SHALL MODULATE OPEN TO SATISFY SETBACK TEMPERATURE.

3. ON A CALL FOR COOLING, HEATING WATER VALVE SHALL CLOSE AND

(OUTSIDE AIR DAMPER ON RESPECTIVE AHU IS CLOSED).

1. VAV HEATING WATER VALVES TO FAIL LAST POSITION.

MONITORING ONLY. SHOW ON REPECTIVE GRAPHIC SCREENS.

3. IF SPACE TEMPERATURE FALLS, VAV VALVE TO MODULATE TO MINIMUM CFM AS DESCRIBED ABOVE AND T.C. HEATING VALVE SHALL MODULATE OPEN TO SATISFY SPACE TEMPERATURE.

BOXES SHALL HAVE MINIMUM CFM SET 70% OF VAV DESIGN CFM.

MAINTAIN SPACE TEMPERATURE ABOVE 65°F.

EF-RMS AND DAMPERS AND INDEX FAN ON.

INDIVIDUALLY OVER-RIDE IF DESIRED IN FUTURE.

FROM ANY ONE SPACE SHALL INDEX FAN ON.

1. FAN SHALL BE CONTROLLED WITH LINE VOLTAGE

2. WHERE ONE FAN SERVES TWO SPACES, A CALL FROM

END SWITCH SHALL CONFIRM DAMPER POSITIONS.

AND SHALL BE OFF OTHERWISE.

3. MAIN ELECTRICAL RM: (EF-L)

B. HEATING, COOLING AND VENTILATING

DROPS BELOW 0°F.

INDEX EF TO "HIGH SPEED."

ROOM VENTILATION DAMPERS.

VAV WITH HYDRONIC HEAT SEQUENCE OF OPERATION:

MINIMUMS BASED ON AMBIENT TEMPERATURE.

3. EMERGENCY VENTILATION:

HEATING:

2. VENTILATION

A. OCCUPIED

B. UNOCCUPIED

C. GENERAL

2. FAN ON/OFF SEQUENCE PER ITEM A.1 ABOVE.

C. ELECTRICAL ROOMS:

1. REFER TO DRAWING M301. CHILLER ROOM D123 CONDITIONING AND

a. ROOF MOUNTED EXHAUST FAN 'EF-RMS E.' WITH MOTORIZED

c. REFRIGERANT LEAK DETECTION SYSTEM WITH REMOTE SENSOR.

2. PROVIDE ROOM TEMPERATURE SENSOR AS SHOWN ON DRAWING M301.

b. VENTILATION AIR DAMPER (LOCATED ABOVE EXIT DOOR)

CHILLER ROOM VENTILATION SEQUENCE OF CONTROL:

VENTILATING SYSTEM CONSISTS OF:

d. PROPELLER UNIT HEATER

TO MAINTAIN SPACE AT 65F.

EXHAUST FAN A. GENERAL D. MEZZANINE MECHANICAL ROOM: (EF-M.) 1. EXHAUST FANS SHALL BE INDEXED ON THROUGH THE B.A.S. 1. INTERLOCK VENTILATION DAMPER WITH IN MECHANICAL MEZZANINE TO OPEN WHEN FAN IS INDEXED ON, AND BE SYSTEM. EXHAUST FANS SHALL BE INDEXED ON WHEN AHU IS INDEXED TO OCCUPIED MODE UNLESS SPECIFICALLY NOTED CLOSED OTHERWISE. END SWITCH SHALL CONFIRM DAMPER OTHERWISE IN SEQUENCE OF OPERATION. 2. CO DETECTOR IN SPACE SHALL MONITOR LEVELS. UPON 2. A CURRENT MONITOR SHALL ALARM B.A.S. IF FAN FAILS TO DETECTION OF CO LEVEL AT OR ABOVE 35 PPM, AN ALARM OPERATE WHEN INDEXED ON. SHALL BE SENT TO THE BAS. EXHAUST FAN SHALL BE COMMANDED ON AND OPERATE UNTIL CO LEVEL IS AT OR 3. MOTORIZED DAMPER SHALL OPEN WHEN FAN INDEXED ON AND BELOW 25 PPM. 3. NO THERMOSTAT CONTROL FOR THIS FAN. CLOSE WHEN FAN IS INDEXED OFF. 4. OWNER DOES NOT WANT OCCUPANCY SENSOR OVERRIDE E. KILN ROOM: 1. SEE KILN CONTROLS, SHEET M701. DURING UNOCCUPIED PERIODS. B. TOILET ROOM EXHAUST FANS:

F. LAUNDRY DRYER BOOSTER FANS (EF-Q1 & EF-Q2): 1. FAN SHALL OPERATE VIA MANÙFACTURER PROVIDED PRESSURE SWITCH. NO BMS INTERFACE.

IT ROOM HVAC

C. ALARMS & OTHER

FRONT END.

SEQUENCE.

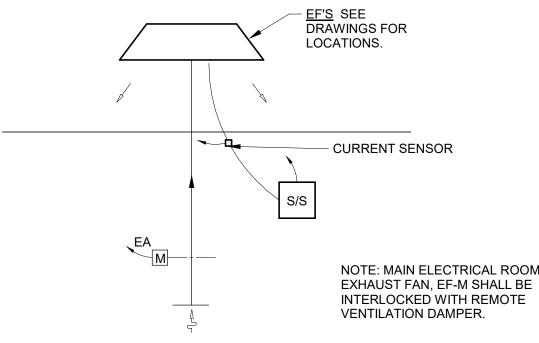
1. DUCTLESS SPLIT SYSTEMS SHALL UTILIZE INTEGRAL RETURN AIR FHERMOSAT AND MFG. PROVIDED REMOTE CONTROLLER TO MAINTAIN SPACE TEMPERATURE. NO DDC INTERFACE REQUIRED.

1. WHEN REFRIGERANT LEAK IS DETECTED, SEND ALARM TO FRONT END.

3. HEATING AND COOLING SHALL NOT BE OPERATIONAL AT THE SAME TIME.

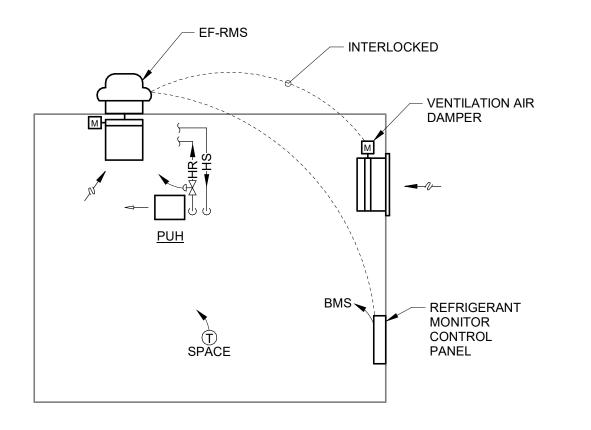
2. IF SPACE TEMPERATURE DROPS BELOW 40 DEG F, SEND ALARM TO

4. HEATING SHALL BE ENABLED DURING EMERGENCY VENTILATION

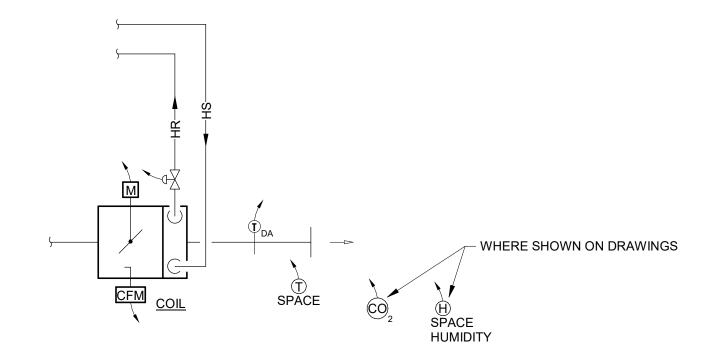


CONTROL SCHEMATIC - EXHAUST FAN

SCALE: NONE

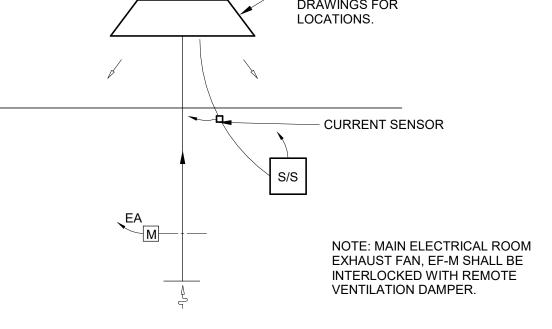


MECHANICAL ROOM D123



CONTROL SCHEMATIC - VAV BOX WITH HOT WATER REHEAT

SCALE: NONE



CONTROL SCHEMATIC -VENTILATION SCALE: NONE

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MISC.

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DRAWING TITLE: CONTROLS -

CERTIFIED BY: STATE OF

DRAWING NUMBER

	EXTERIOR LIGH	IT FIXTI	IRF S	CHED	IIIF					
	LATLINONLIO	111/1/19				1	ı			
MARK	DESCRIPTION	MOUNTING	TOTAL FIXTURE WATTS	CRI	WATTS	COLOR	LUMENS	VOLTS	MANUFACTURER(S)	MARK
OLT) (A	FIGUREDO MIGUEL DU ATE DIOTRICT CTANDADO CEDESTI IQUE AND DOUE FIGUREDO CORSEN (DAL 2004). MITU CEL CULTUST AND	5015			0714/	E40016)	
CITY-A	FISHERS NICKEL PLATE DISTRICT STANDARD STREETLIGHT AND POLE, FISHERS GREEN (RAL6004), WITH GFI OUTLET AND LOW-PROFILE IN-USE COVER AT TOP OF POLE, BANNER ARMS, AND PLANT BRACKETS. KIM 'SOLITAIRE' POST-TOP FIXTURE AND STERNBERG 3300 'GATEWAY SERIES' POLE. VERIFY LOCATIONS AND FIXTURE SPECIFICATIONS WITH CITY OF FISHERS PRIOR TO ORDERING FIXTURES.	POLE	67	70	67W	5100K	6000	120 V) KIM FM/SRS1H5E35/60L5KUV-RAL6004 & 3311'9"T5/.188/NO TENON/GFI-LPIUC/2-BDBA/1-DSPA/CM-RAL6004	CITY-A
FA	LENSED DOWNLIGHT, 6-INCH DIAMETER APERTURE, FULL CUTOFF, WET LOCATION COVERED CEING LISTED, VANDAL-RESISTANT, CAST ALUMINUM BEZEL, STAINLESS STEEL TRIM HARDWARE, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED, 0-10V DIMMING TO 10-PERCENT, MEDIUM DISTRIBUTION.	RECESSED	10	80	10W	4000K	1000	277 V	GOTHAM EVO6VR SERIES COOPER FAIL-SAFE FLD6C SERIES CURRENT LTR-6RDVR SERIES	FA
FB-I-EGS-F	CAST ALUMINUM PARKING LOT FIXTURE, FULL CUTOFF, TYPE I SHORT DISTRIBUTION, FORWARD EXTERNAL GLARE SHIELD, ONE HEAD, WET LOCATION LISTED, 22-FOOT TALL SQUARE NON-TAPERED STEEL POLE, POWDERCOAT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD COLORS. PROVIDE POLE BASE PER DETAILS 'A' AND 'B' ON DRAWING E101.	POLE	51	70	51W/HEAD	4000K	6000/HEAD	277 V	LITHONIA DSX1 "D-SERIES" SERIES MCGRAW EDISON GALN "GALLEON II" SERIES BEACON VP1 "VIPER" SERIES	FB-I-EGS-F
FB-V	SAME AS 'FB-I-EGS-F,' EXCEPT 14' POLE HEIGHT AND TYPE V WIDE DISTRIBUTION. PROVIDE POLE BASE PER DETAILS 'A' AND 'C' ON DRAWING E101.	POLE	51	70	51W/HEAD	4000K	6000/HEAD	277 V		FB-V
FC-LCCO	CAST ALUMINUM PARKING LOT FIXTURE, FULL CUTOFF, LEFT CORNER CUTOFF DISTRIBUTION, ONE HEAD, WET LOCATION LISTED, 22-FOOT TALL SQUARE NON-TAPERED STEEL POLE, POWDERCOAT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD COLORS. PROVIDE POLE BASE PER DETAILS 'A' AND 'B' ON DRAWING E101.	POLE	102	70	102W/HEAD	4000K	10000/HEAD	277 V	LITHONIA DSX1 "D-SERIES" SERIES MCGRAW EDISON GALN "GALLEON II" SERIES BEACON VP1 "VIPER" SERIES	FC-LCCO
FC-RCCO	SAME AS FIXTURE TYPE 'FC-LCCO,' EXCEPT RIGHT CORNER CUTOFF DISTRIBUTION.	POLE	102	70	102W/HEAD	4000K	10000/HEAD	277 V		FC-RCCO
FC-V-HS	SAME AS FIXTURE TYPE 'FC-LCCO,' EXCEPT TYPE V MEDIUM DISTRIBUTION WITH HOUSE SIDE SHIELD.	POLE	102	70	102W/HEAD	4000K	10000/HEAD	277 V		FC-V-HS
FD-BLC4	CAST ALUMINUM PARKING LOT FIXTURE, FULL CUTOFF, TYPE IV DISTRIBUTION, EXTREME BACKLIGHT CONTROL, ONE HEAD, WET LOCATION LISTED, 22-FOOT TALL SQUARE NON-TAPERED STEEL POLE, POWDERCOAT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD COLORS. PROVIDE POLE BASE PER DETAILS 'A' AND 'B' ON DRAWING E101.	POLE	220	70	220W/HEAD	4000K	22000/HEAD	277 V	LITHONIA DSX2 "D-SERIES" SERIES MCGRAW EDISON GALN "GALLEON II" SERIES BEACON VP2 "VIPER" SERIES	FD-BLC4
FE-V	CAST ALUMINUM PARKING LOT FIXTURE, FULL CUTOFF, TYPE V WIDE DISTRIBUTION, ONE HEAD, WET LOCATION LISTED, 22-FOOT TALL SQUARE NON-TAPERED STEEL POLE, POWDERCOAT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD COLORS. PROVIDE POLE BASE PER DETAILS 'A' AND 'B' ON DRAWING E101.	POLE	270	70	270W/HEAD	4000K	37000/HEAD	277 V	LITHONIA DSX2 "D-SERIES" SERIES MCGRAW EDISON GALN "GALLEON II" SERIES BEACON VP2 "VIPER" SERIES	FE-V
FH	FLAGPOLE FIXTURE. 10-INCH ON-GRADE ADJUSTABLE FLOOD, WEATHERED IRON FINISH, MEDIUM FLOOD OPTICS (NEMA 5x5), WET LOCATION LISTED, IP67 RATED. VERIFY FINAL LOCATION AND FINISH WITH ARCHITECT PRIOR TO ROUGH-IN, PROVIDE FINAL AIMING. PROVIDE CONCRETE BASE PER DETAIL 'E' ON DRAWING E101.	ON-GRADE	49	70	49W	4000K	3500	277 V	VISTA 1059-WI-MF-40-E-MV-010 LIGMAN UOD SERIES HYDREL TPS2 SERIES	FH
FJ	SIGN LIGHT FIXTURE. SAME AS FIXTURE 'FH,' EXCEPT HORIZONTAL FLOOD OPTICS AND ANTI-GLARE VISOR (HALF-SHIELD), VERIFY FINAL LOCATION AND FINISH WITH ARCHITECT PRIOR TO ROUGH-IN, PROVIDE FINAL AIMING.	ON-GRADE	49	70	49W	4000K	3500	277 V	VISTA 1059-WI SERIES LIGMAN UOD SERIES HYDREL TPS2 SERIES	FJ
FM	ARCHITECTURAL WALL PACK, FULL CUTOFF, WET LOCATION LISTED, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD COLORS.	SURFACE WALL	25	70	25W	4000K	3000	277 V	EXO SG SERIES LITHONIA WPX SERIES LUMARK AXC SERIES	FM
FN	SAME AS FIXTURE TYPE 'FM' EXCEPT LUMEN OUTPUT.	SURFACE WALL	50	70	50W	4000K	6000	277 V		FN

(#) PLAN NOTES:

- 1. APPROXIMATE LIGHTING DISTRIBUTION SHAPE, TYPICAL.
- VERIFY EXACT LOCATION OF LIGHT FIXTURE WITH ARCHITECT & ENGINEER PRIOR TO ROUGH-IN. COORDINATE WITH BLOCK COURSING
- 3. CONNECT CITY STANDARD STREETLIGHT FIXTURES TO EXISTING CITY EQUIPMENT AT NORTHWEST CORNER OF LANTERN ROAD AND MORGAN DRIVE. COORDINATE WITH CITY OF FISHERS PRIOR TO COMMENCING WORK. CONNECT TO CIRCUIT 2B AND LABEL. EXISTING CIRCUIT BREAKER IS 30A/1P. VERIFY. 120V.
- 4. CONNECT CITY STANDARD POLE-MOUNTED GFCI RECEPTACLES TO EXISTING CITY EQUIPMENT AT NORTHWEST CORNER OF LANTERN ROAD AND MORGAN DRIVE. COORDINATE WITH CITY OF FISHERS PRIOR TO COMMENCING WORK. CONNECT TO CIRCUIT 2A AND LABEL. EXISTING CIRCUIT BREAKER IS 30A/1P. VERIFY. 120V.
- 5. CONNECT TO CIRCUIT INDICATED THROUGH LIGHTING RELAY PANEL IN MAIN ELECTRICAL ROOM D140.
- 6. PROVIDE TWO 4" UNDERGROUND SCH. 40 PVC CONDUITS FOR DUKE ENERGY PRIMARY CONDUCTORS. COORDINATE TERMINATION + ROUTING W/ DUKE.
- 7. PROVIDE CONCRETE PAD FOR DUKE ENERGY TRANSFORMER PER DUKE ENERGY PUBLICATION "THREE PHASE PAD-MOUNTED TRANSFORMER CONCRETE FOUNDATION SPECIFICATIONS" JANUARY, 2023. PROVIDE PROTECTIVE BOLLARDS IF REQUIRED BY DUKE, PER THEIR REQUIREMENTS.
- 8. INCOMING SECONDARY SERVICE. SEE E501.
- 9. SEE E201A AND E201D FOR LIGHTING DETAILS IN THIS AREA.
- 10. PROVIDE TAMPER SWITCH AT POST INDICATOR VALVE (PIV). VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. PROVIDE SURGE ARRESTERS ON ALL EXTERIOR CABLES. PROVIDE 1-INCH CONDUIT FROM TAMPER SWITCH TO FIRE ALARM CONTROL PANEL.
- 11. PROVIDE 2"C. UNDER STREET WITH INGROUND BOX ON EACH SIDE.
 VERIFY LOCATIONS WITH CITY OF FISHERS PRIOR TO COMMENCING
- 12. EXISTING CITY EQUIPMENT. 120/240V, 1¢ CIRCUITS. CONNECT CITY STANDARD STREETLIGHT FIXTURES AND POLE-MOUNTED GFCI RECPTACLES HERE. COORDINATE WITH CITY OF FISHERS PRIOR TO COMMENCING WORK.

RENOVATION LEGEND:

WORK TO BE INSTALLED

GENERAL NOTES:

WORK TO REMAIN

- SEE E001 FOR GENERAL NOTES.
- 2. CONNECT ALL WALL FIXTURES TO CIRCUIT INDICATED THROUGH LIGHTING RELAY PANEL IN MAIN ELECTRICAL ROOM. SEE E404.
- 3. SEE E101 FOR FIXTURE ELEVATIONS AND DETAILS.
- 4. COORDINATE EXACT LOCATION OF LIGHT POLES WITH UNDERGROUND UTILITIES PRIOR TO ROUGH-IN.
- 5. ALL WIRING SHALL BE MINIMUM #6 AWG IN 1" C. CONTRACTOR RESPONSIBLE FOR MAINTAINING VOLTAGE DROP BELOW 3%.

SITE LIGHTING CONTROLS:

- REFER TO EXTERIOR LIGHTING CONTROLS ON DRAWING E404.
 ALL BUILDING MOUNTED EXTERIOR/EGRESS LIGHTS, FLAGPOLE LIGHTS,
- AT 100% OUTPUT FROM DUSK TO DAWN VIA RELAY PANEL CONTROL.

 3. ALL POLE-MOUNTED LIGHTS SERVING PARKING LOTS AND DRIVES SHALL

SIGN LIGHTS, AND POLE LIGHTS ADJACENT TO BUILDING SHALL OPERATE

- OPERATE AT 100% OUTPUT VIA RELAY PANEL CONTROL

 A. ON AT DUSK, OFF LATE AT NIGHT.

 B. ON BEFORE DAWN, OFF AT DAWN.
- 4. COORDINATE ALL CONTROL SETTINGS WITH OWNER.



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SCHOOL
A1442 Lantern Rd. Fishers, IN 46038

SCOPE DRAWINGS:

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REVISIONS:
Addendum#2 02/02/2024
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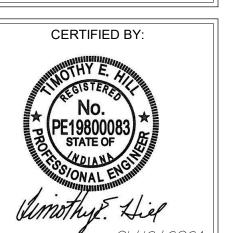
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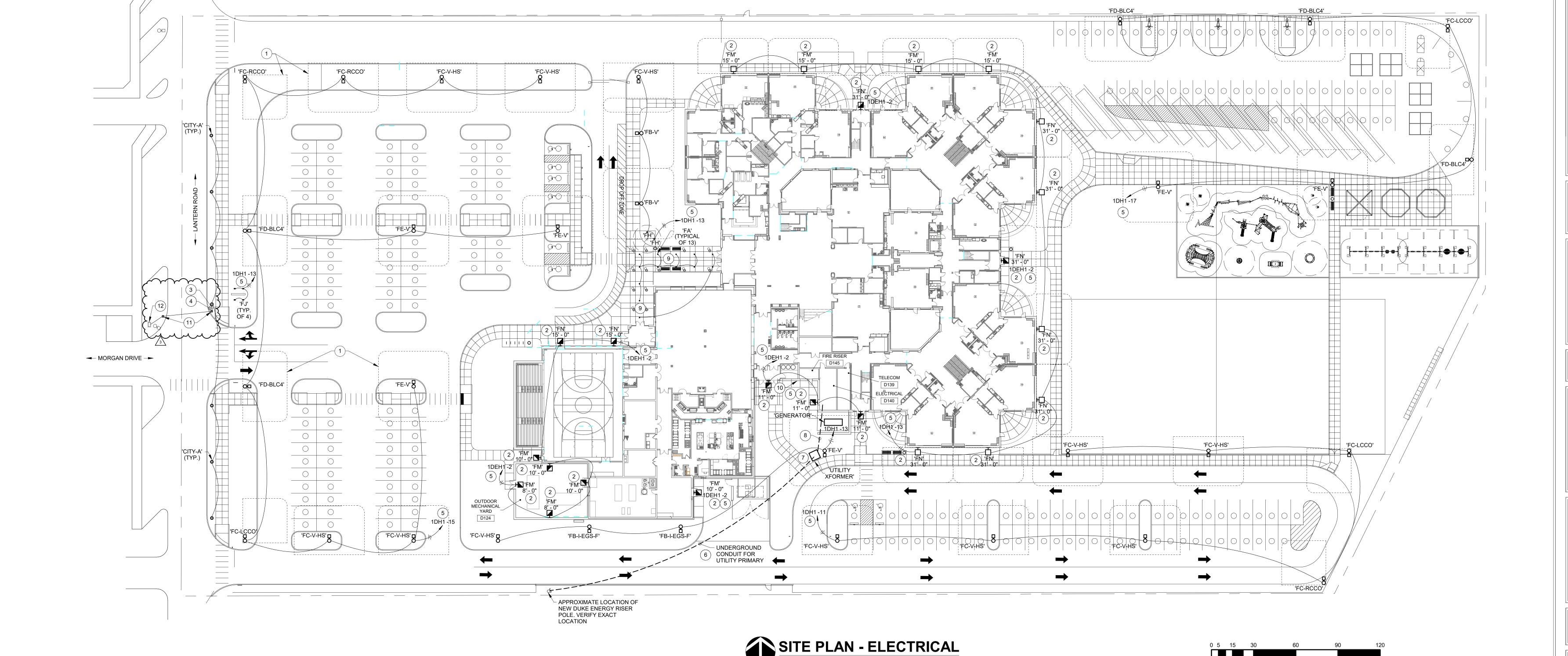
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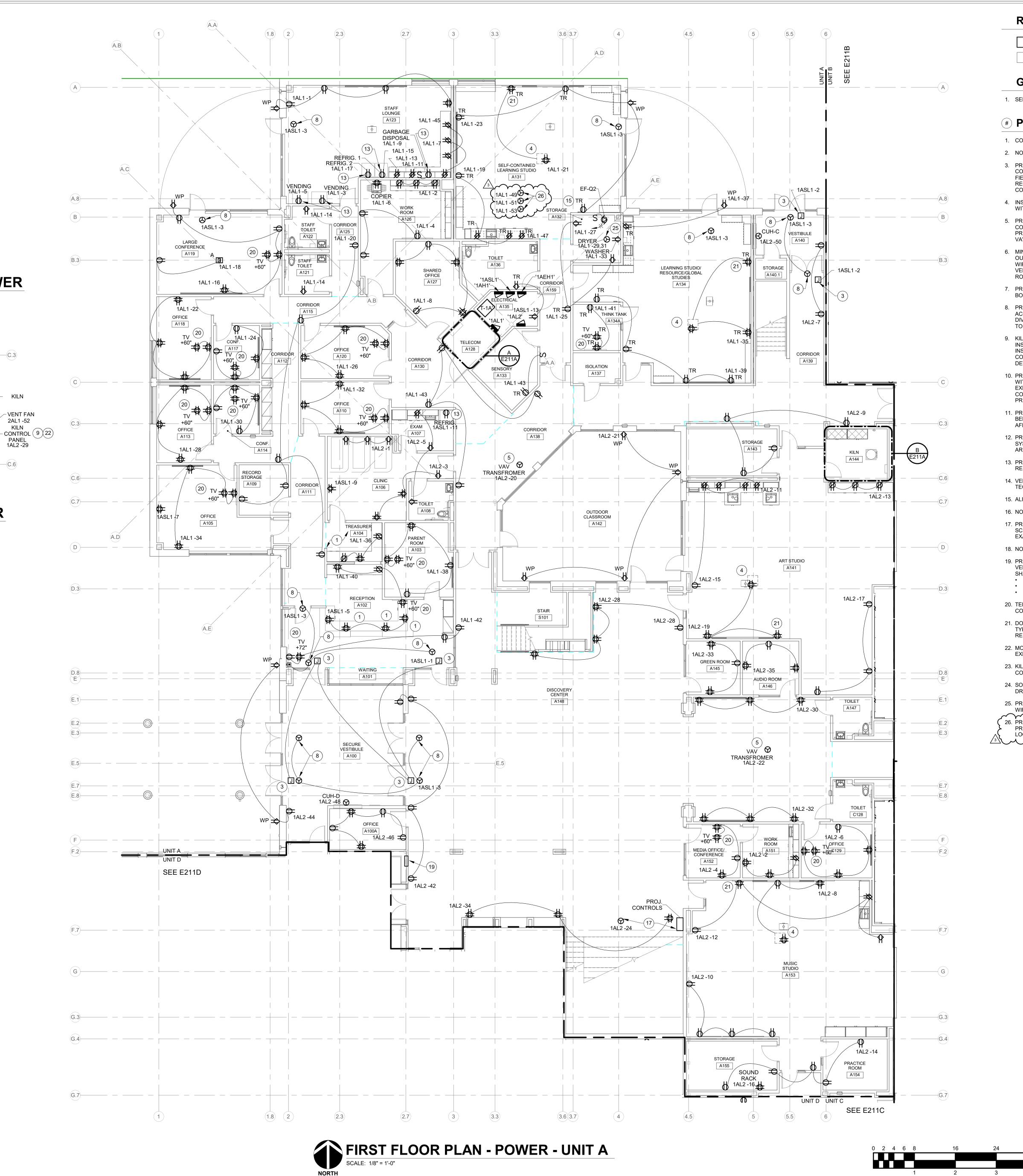
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SITE PLAN -ELECTRICAL



E100





A TELECOM A128 - POWER

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

RENOVATION LEGEND:

WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

- COORDINATE WITH CASEWORK.
- 2. NOT USED
- 3. PROVIDE 120V, 20-AMP CIRCUIT FOR ELECTRIFIED DOOR HARDWARE, CONTROLS, AND OPERATORS. COORDINATE EXACT CONNECTION IN FIELD. PROVIDE RACEWAY & BOX FOR CONTROL BUTTONS AS REQUIRED. COORDINATE W/ DIV. 08 & 28 CONTRACTORS. COORDINATE LOCATIONS OF PUSH BUTTONS.
- 4. INSTALL RECEPTACLE IN PROJECTOR PAN. COORDINATE LOCATION WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- 5. PROVIDE DEDICATED CONNECTION TO VAV TRANSFORMER. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. TRANSFORMER AND LOW VOLTAGE WIRING TO
- VAV BOXES BY MECHANICAL CONTRACTOR. 6. MINI-SPLIT AIR CONDITIONING INDOOR UNIT. POWER FROM OUTDOOR UNIT ON ROOF. 2#12, 1#12G. - 3/4" C PLUS CONTROL WIRING. PROVIDE 20A, 2P, NON-FUSED NEMA 1 DISCONNECT SWITCH. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO
- 7. PROVIDE QUAD RECEPTACLE INSIDE TELECOM CABINET NEAR BOTTOM. VERIFY EXACT LOCATION W/ OWNER.
- 8. PROVIDE 120V CONNECTION TO DOOR HARDWARE POWER SUPPLY, ACCESS CONTROLS AND/OR DOOR OPERATORS. COORDINATE W/ DIV. 08 & 28 CONTRACTORS PRIOR TO ROUGH-IN. PROVIDE WIRING TO CONTROLLERS.
- 9. KILN FAN/EXHAUST HOOD START-STOP CONTROL STATION INSTALLED BY TCC. CONNECT TO KILN CONTROL PANEL. E.C. TO INSTALL KILN CONTROL PANEL. SEE E212A AND E220. COORDINATE CONNECTION TO FAN AND TO KILN CONTROLS. SEE CONTROL DETAIL ON DRAWING M-701.
- 10. PROVIDE A NEMA 15-50R RECEPTACLE FOR ELECTRIC KILN. WIRE WITH 3#8, 1#10G, 1" C. INTERCONNECT KILN CONTROLS TO KILN EXHAUST HOOD/EF-E. COORDINATE WITH MANUFACTURER. SEE CONTROL DETAIL ON DRAWING M701. VERIFY ALL REQUIREMENTS PRIOR TO ROUGH-IN.
- 11. PROVIDE 60A, 3P NON-FUSED NEMA 1 DISCONNECT SWITCH. MOUNT BELOW KILN CONTROL PANEL WITH TOP OF ENCLOSURE AT 5-FOOT AFF. SEE CONTROL DETAIL ON DRAWING M701.
- 12. PROVIDE RECEPTACLE FOR KILN DOWNDRAFT VENTILATION SYSTEM. INTERCONNECT SO BOTH VENT FAN AND EXHAUST FAN ARE CONTROLLED TOGETHER. VERIFY IN FIELD.
- 13. PROVIDE GFCI TYPE CIRCUIT BREAKER FOR REFRIGERATOR/VENDING/GARBAGE DISPOSAL.
- 14. VERIFY LOCATIONS OF ALL OUTLETS IN TELECOM ROOM WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
- 15. ALIGN AND COORDINATE WITH COMMUNICATION DEVICES ABOVE.
- 16. NOT USED.
- 17. PROVIDE 120V CIRCUIT INDICATED TO MOTORIZED PROJECTION SCREEN. WIRE THROUGH CONTROLS AS REQUIRED. COORDINATE EXACT LOCATION IN FIELD.
- 18. NOT USED
- 19. PROVIDE RECESSED BOX AND LOCKING COVER. SEE DRAWING E403. VERIFY FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN. BOX SHALL HOUSE CONTROLS FOR: PROJECTION SCREEN
- MOTORIZED SHADES LIGHTING CONTROLS
- 20. TELEVISION. COORDINATE LOCATION OF RECEPTACLE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- 21. DOUBLE DUPLEX RECEPTACLE AND ADJACENT TELECOM OUTLET TYPE "LI" ARE TO BE INSTALLED CENTERED UNDER TACKBOARD. REFER TO ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION.
- 22. MOUNT WITH BOTTOM OF PANEL AT SAME ELEVATION AS KILN EXHAUST HOOD.
- 23. KILN RECEPTACLE CONTACTOR. INSTALL ABOVE CEILING. SEE
- CONTROL DETAIL ON DRAWING M701.
- 24. SONALERT TO BE INSTALLED BY TCC. SEE CONTROL DETAIL ON DRAWING M701.
- 25. PROVIDE NEMA 14-30R RECEPTACLE FOR DRYER. 30A, 120/208V, 4W. WIRE WITH #10 CONDUCTORS.

26. PROVIDE DEDICATED CIRCUITS LISTED TO ROOM A131 FOR OWNER-PROVIDED APPLIANCES. PROVIDE DEVICES AS REQUIRED AND LOCATED AS DIRECTED.

KEY PLAN





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SCOPE DRAWINGS:
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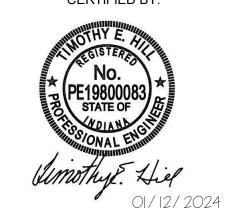
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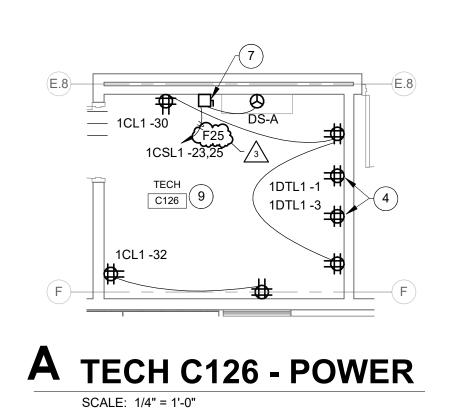
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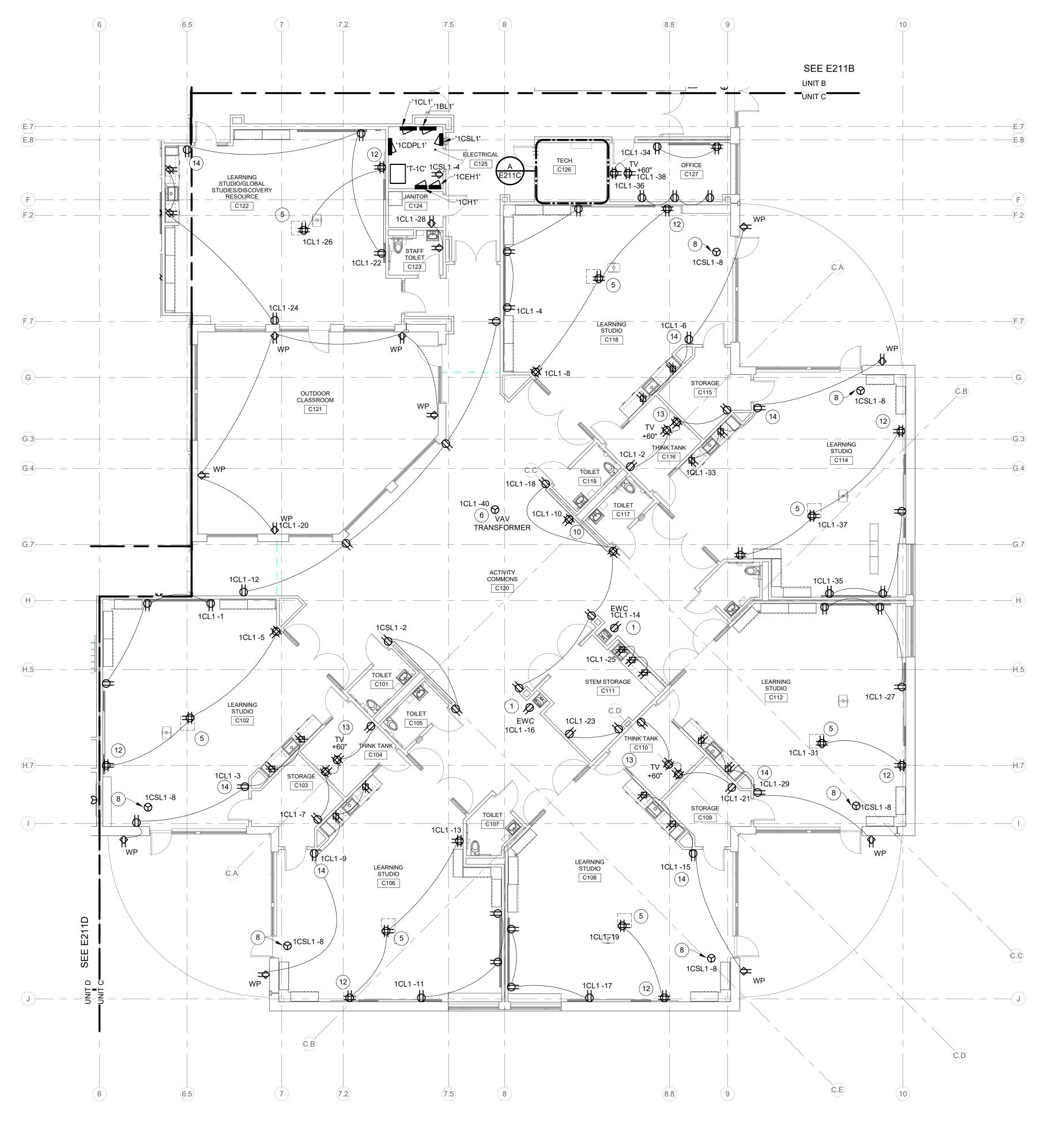
DRAWING TITLE: FIRST FLOOR PLAN - POWER -

CERTIFIED BY:



DRAWING NUMBER E211A





FIRST FLOOR PLAN - POWER - UNIT C

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



WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

- PROVIDE RECEPTACLE CONCEALED IN EWC HOUSING. COORDINATE LOCATION WITH EWC INSTALLER PRIOR TO ROUGH-IN. PROVIDE GFCI TYPE CIRCUIT BREAKER.
- 2. NOT USED.
- 3. PROVIDE 120V CIRCUIT FOR ELECTRIFIED DOOR HARDWARE. COORDINATE CONNECTION TO POWER SUPPLY ABOVE DOORWAY. COORDINATE W/ DIV. 08 & 28 CONTRACTORS.
- 4. PROVIDE QUAD RECEPTACLE INSIDE TELECOM CABINET, NEAR BOTTOM. VERIFY EXACT LOCATION W/ OWNER.
- 5. INSTALL RECEPTACLE IN PROJECTOR PAN. COORDINATE LOCATION WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- 6. PROVIDE DEDICATED CONNECTION TO VAV TRANSFORMER. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. TRANSFORMER AND LOW VOLTAGE WIRING TO

VAV BOXES BY MECHANICAL CONTRACTOR.

- 7. MINI-SPLIT AIR CONDITIONING INDOOR UNIT. POWER FROM OUTDOOR UNIT ON ROOF. 2#12, 1#12G. - 3/4" C PLUS CONTROL WIRING. PROVIDE 20A, 2P, NON-FUSED NEMA 1 DISCONNECT SWITCH. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO
- 8. PROVIDE 120V CONNECTION TO DOOR HARDWARE POWER SUPPLY, ACCESS CONTROLS, AND/OR DOOR OPERATORS. COORDINATE W/ DIV 08 & 28 CONTRACTORS PRIOR TO ROUGH-IN. PROVIDE WIRING TO CONTROLLERS.
- 9. VERIFY LOCATIONS OF ALL OUTLETS IN TELECOM ROOM WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
- 10. WALL-MOUNT PROJECTOR. COORDINATE LOCATION OF RECEPTACLE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- 900-4RL OPTION BOARDS. WALL MOUNT +60" AFF TO TOP OF ENCLOSURE. CONNECT TO 120V, 20A CIRCUIT INDICATED.

11. VON DUPRIN POWER SUPPLY, PS914. PROVIDE COMPLETE WITH (2)

- 12. DOUBLE DUPLEX RECEPTACLE AND ADJACENT TELECOM OUTLET TYPE "LI" ARE TO BE INSTALLED CENTERED UNDER TACKBOARD. REFER TO ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION.
- 13. TELEVISION. COORDINATE LOCATION OF RECEPTACLE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- 14. ALIGN & COORDINATE WITH COMMUNICATION DEVICE ABOVE.

KEY PLAN







Dímo d Associates

Consulting E
732 North Capitol Av
Indianapolis, IN 4620
Phone: (317) 634-467
www.redimond.com

SCOPE DRAWINGS:

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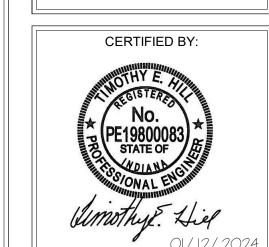
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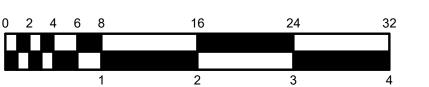
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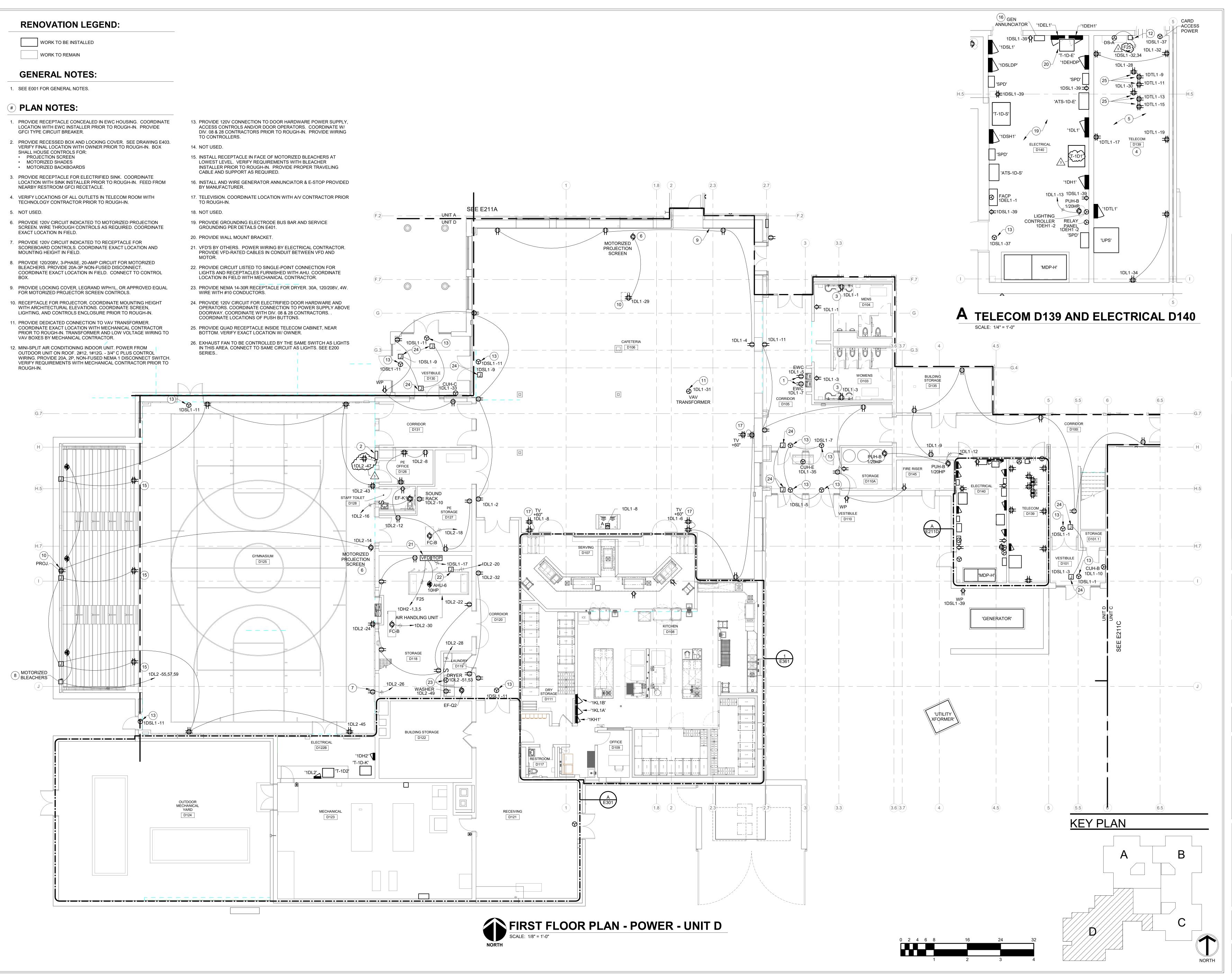
DRAWING TITLE: FIRST FLOOR PLAN - POWER -



DRAWING NUMBER E211C PROJECT NUMBER 2021119













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A11442 Lantern Rd, Fishers, IN 46038

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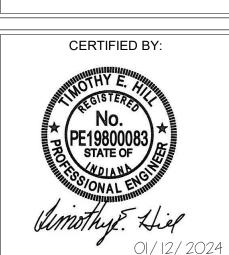
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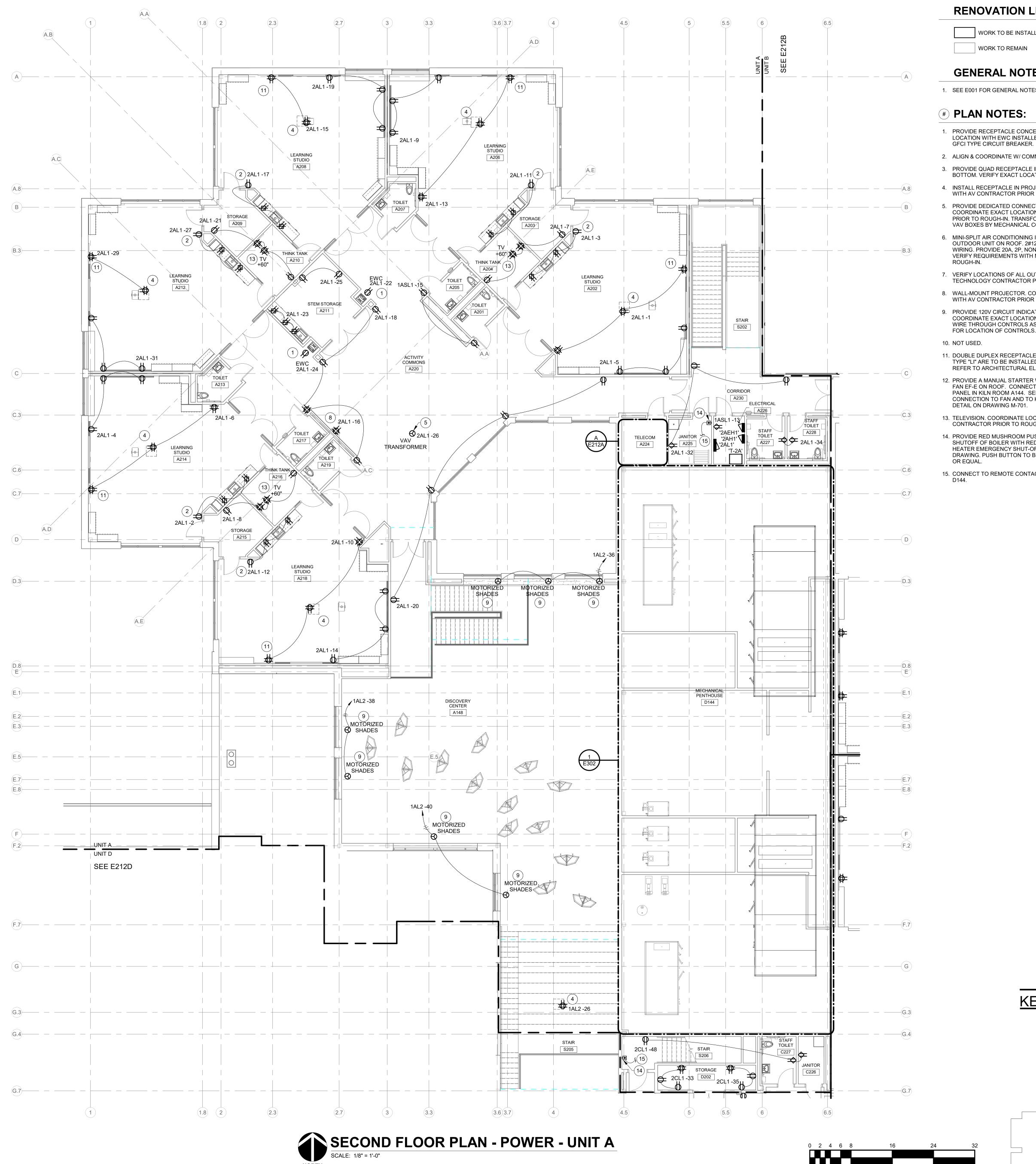
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DRAWING TITLE:

FIRST FLOOR PLAN - POWER -UNIT D



DRAWING NUMBER
E211D



A TELECOM A224 - POWER

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

RENOVATION LEGEND:

WORK TO BE INSTALLED

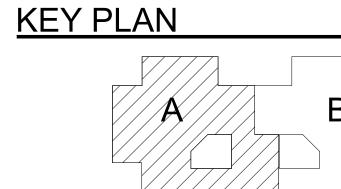
WORK TO REMAIN

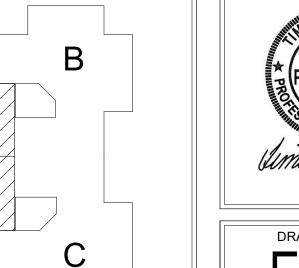
GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

- PROVIDE RECEPTACLE CONCEALED IN EWC HOUSING. COORDINATE LOCATION WITH EWC INSTALLER PRIOR TO ROUGH-IN. PROVIDE
- 2. ALIGN & COORDINATE W/ COMMUNICATION DEVICE ABOVE.
- 3. PROVIDE QUAD RECEPTACLE INSIDE TELECOM CABINET NEAR BOTTOM. VERIFY EXACT LOCATION W/ OWNER.
- 4. INSTALL RECEPTACLE IN PROJECTOR PAN. COORDINATE LOCATION WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- PROVIDE DEDICATED CONNECTION TO VAV TRANSFORMER. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. TRANSFORMER AND LOW VOLTAGE WIRING TO VAV BOXES BY MECHANICAL CONTRACTOR.
- 6. MINI-SPLIT AIR CONDITIONING INDOOR UNIT. POWER FROM OUTDOOR UNIT ON ROOF. 2#12, 1#12G. - 3/4" C PLUS CONTROL WIRING. PROVIDE 20A, 2P, NON-FUSED NEMA 1 DISCONNECT SWITCH. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 7. VERIFY LOCATIONS OF ALL OUTLETS IN TELECOM ROOM WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
- 8. WALL-MOUNT PROJECTOR. COORDINATE LOCATION OF RECEPTACLE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- 9. PROVIDE 120V CIRCUIT INDICATED TO MOTORIZED SHADES. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT IN FIELD.
 WIRE THROUGH CONTROLS AS REQUIRED. SEE FIRST FLOOR PLANS FOR LOCATION OF CONTROLS.
- 10. NOT USED.
- 11. DOUBLE DUPLEX RECEPTACLE AND ADJACENT TELECOM OUTLET TYPE "LI" ARE TO BE INSTALLED CENTERED UNDER TACKBOARD. REFER TO ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION.
- 12. PROVIDE A MANUAL STARTER WITH PILOT LIGHT FOR KILN EXHAUST FAN EF-E ON ROOF. CONNECT TO OPERATE FROM KILN CONTROL PANEL IN KILN ROOM A144. SEE E211A AND E220. COORDINATE CONNECTION TO FAN AND TO KILN CONTROLS. SEE CONTROL DETAIL ON DRAWING M-701.
- 13. TELEVISION. COORDINATE LOCATION OF RECEPTACLE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- 14. PROVIDE RED MUSHROOM PUSH BUTTON FOR EMERGENCY SHUTOFF OF BOILER WITH RED LABEL: "CONDENSING BOILER/WATER HEATER EMERGENCY SHUT-OFF." SEE SCHEMATIC ON THIS DRAWING. PUSH BUTTON TO BE STI STOPPER STATION SS2 SERIES OR EQUAL.
- 15. CONNECT TO REMOTE CONTACTOR IN MECHANICAL PENTHOUSE





DRAWING NUMBER E212A

PROJECT NUMBER 2021119

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SCOPE DRAWINGS:

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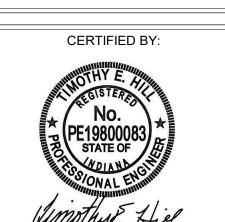
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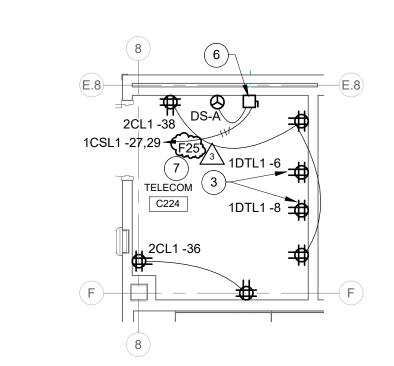
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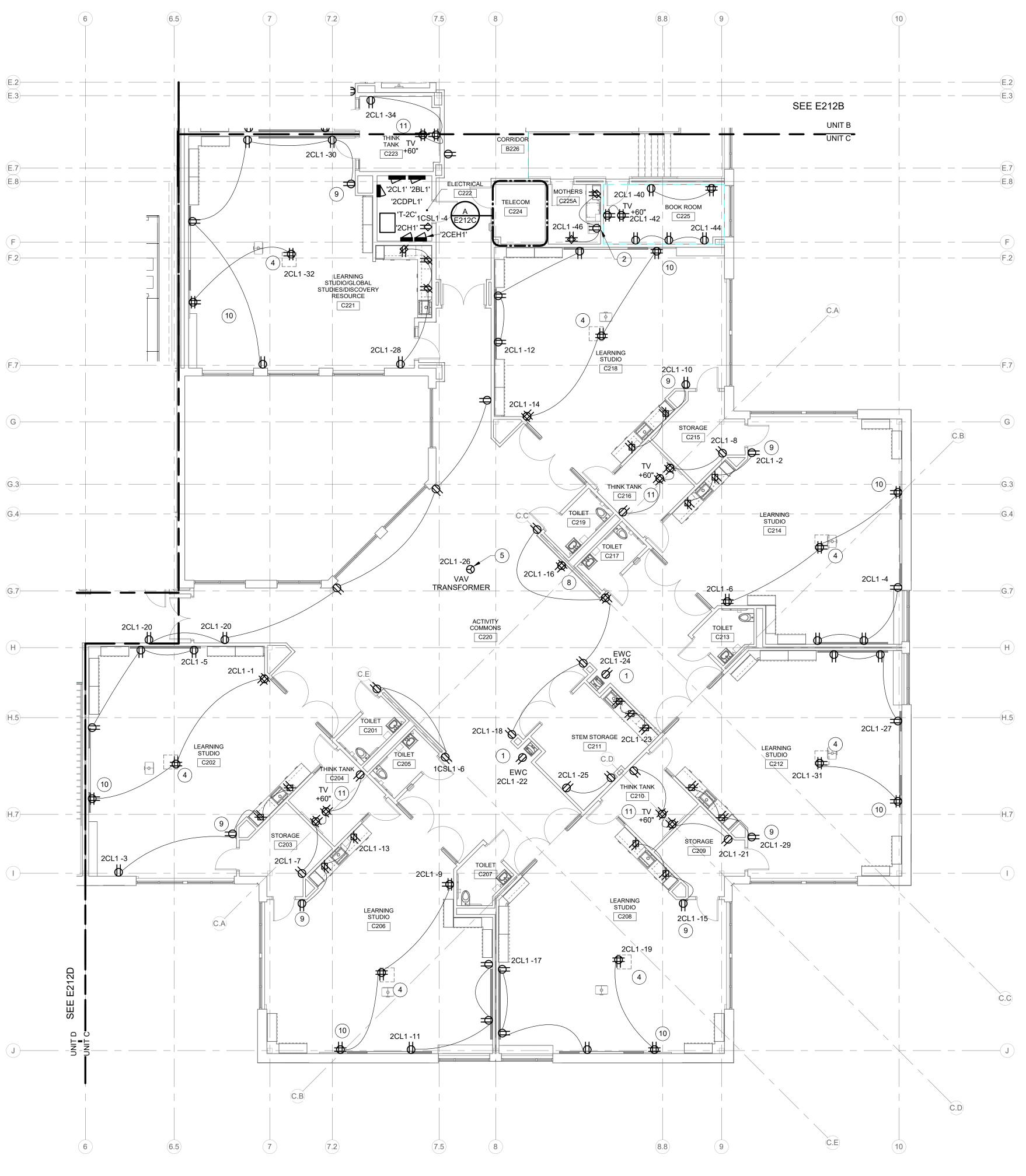
GSR DRAWING TITLE:

SECOND FLOOR PLAN - POWER -UNIT A





A TELECOM C224 - POWER



SECOND FLOOR PLAN - POWER - UNIT C

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



WORK TO BE INSTALLED

WORK TO REMAIN

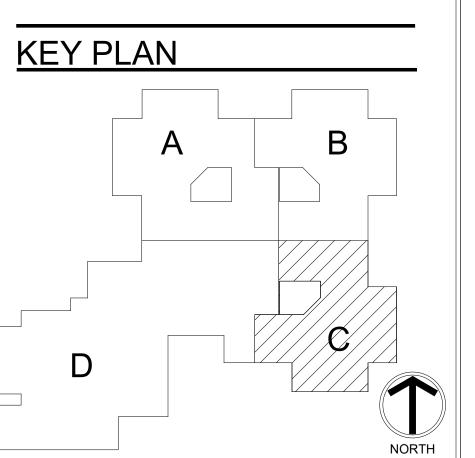
GENERAL NOTES:

GFCI TYPE CIRCUIT BREAKER.

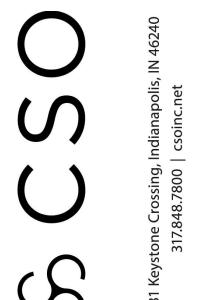
1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

- PROVIDE RECEPTACLE CONCEALED IN EWC HOUSING. COORDINATE LOCATION WITH EWC INSTALLER PRIOR TO ROUGH-IN. PROVIDE
- 2. RECEPTACLE TO BE FED FROM LOAD SIDE OF NEAREST GFCI RECEPTACLE.
- PROVIDE QUAD RECEPTACLE INSIDE TELECOM CABINET NEAR BOTTOM. VERIFY EXACT LOCATION W/ OWNER.
- INSTALL RECEPTACLE IN PROJECTOR PAN. COORDINATE LOCATION WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- 5. PROVIDE DEDICATED CONNECTION TO VAV TRANSFORMER. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. TRANSFORMER AND LOW VOLTAGE WIRING TO VAV BOXES BY MECHANICAL CONTRACTOR.
- 6. MINI-SPLIT AIR CONDITIONING INDOOR UNIT. POWER FROM OUTDOOR UNIT ON ROOF. 2#12, 1#12G. - 3/4" C PLUS CONTROL WIRING. PROVIDE 20A, 2P, NON-FUSED NEMA 1 DISCONNECT SWITCH. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO
- 7. VERIFY LOCATIONS OF ALL OUTLETS IN TELECOM ROOM WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
- 8. WALL-MOUNT PROJECTOR. COORDINATE LOCATION OF RECEPTACLE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.
- 9. ALIGN & COORDINATE W/ COMMUNICATION DEVICE ABOVE.
- 10. DOUBLE DUPLEX RECEPTACLE AND ADJACENT TELECOM OUTLET TYPE "LI" ARE TO BE INSTALLED CENTERED UNDER TACKBOARD. REFER TO ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION.
- 11. TELEVISION. COORDINATE LOCATION OF RECEPTACLE WITH AV CONTRACTOR PRIOR TO ROUGH-IN.









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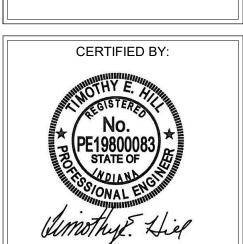
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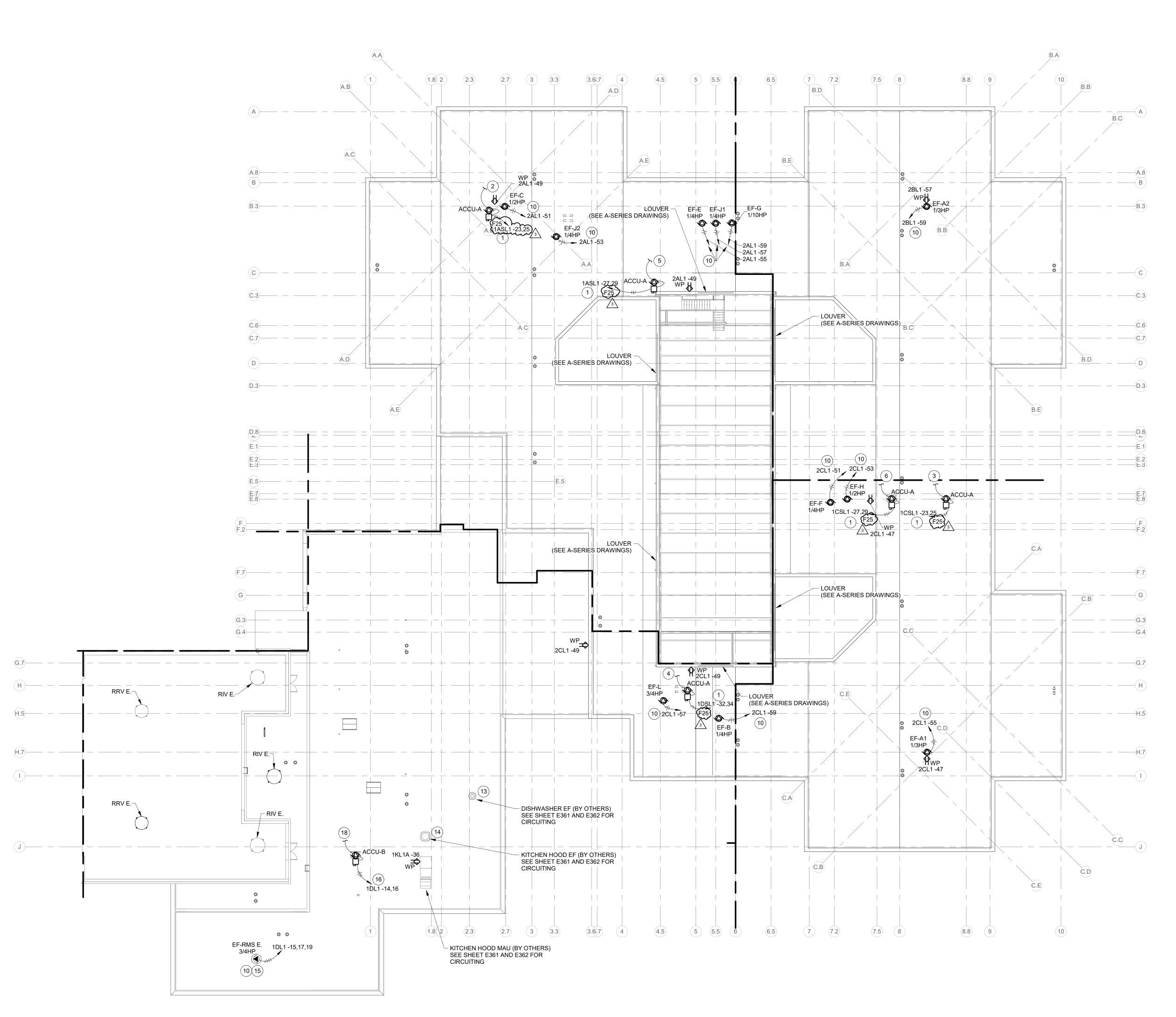
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DRAWING TITLE: SECOND FLOOR PLAN - POWER -UNIT C



DRAWING NUMBER E212C PROJECT NUMBER 2021119









WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

AT EXHAUST FANS, CONNECT TO MOTORIZED DAMPERS AS REQUIRED SO THAT DAMPER IS CLOSED WHEN FAN IS OFF.

PLAN NOTES:

- 1. 2#10, 1#10G. 3/4" C. PROVIDE 30A, 2P, NF NEMA 3R DISCONNECT
- 2. 2#10, 1#10G. 3/4" C. AND CONTROL WIRING TO INDOOR UNIT IN TELECOM A128. SEE E211A.
- 3. 2#10, 1#10G. 3/4" C. AND CONTROL WIRING TO INDOOR UNIT IN TECH C126. SEE E211C.
- 4. 2#10, 1#10G. 3/4" C. AND CONTROL WIRING TO INDOOR UNIT IN TELECOM D139. SEE E211D.
- 5. 2#10, 1#10G. 3/4" C. AND CONTROL WIRING TO INDOOR UNIT IN TELECOM A224. SEE E212A.
- 6. 2#10, 1#10G. 3/4" C. AND CONTROL WIRING TO INDOOR UNIT IN TELECOM C224. SEE E212C.
- 7. VERIFY REQUIREMENTS AND LOCATION IN FIELD WITH KEC PRIOR TO ROUGH-IN. PROVIDE NON-FUSED NEMA 3R DISCONNECT SWITCH.
- 8. COORDINATE IN FIELD. PROVIDE CONTROL WIRING AND INTERLOCK WITH HOOD FIRE SUPPRESSION SYSTEM FOR SHUTDOWN AND THERMOSTATIC CONTROLS FOR START/STOP. COORDINATE WITH
- 9. TO MANUAL STARTER IN KILN A144. SEE DRAWING E211A. CONNECT TO MOTORIZED DAMPER TO SHUT DAMPER WHEN FAN IS OFF. INTERLOCK WITH KILN SO FAN RUNS WHEN KILN OPERATES. SEE M701 FOR CONTROL.
- 10. PROVIDE DEDICATED MANUAL MOTOR STARTER WITH PILOT LIGHT NEXT TO SERVING PANEL. FAN CONTROLLED BY B.A.S. SEE M700
- 11. PROVIDE COMBINATION MAGNETIC MOTOR STARTER WITH PILOT LIGHT NEXT TO SERVING PANEL. FAN CONTROLLED BY B.A.S. SEE M700 DRAWINGS.
- 12. PROVIDE 30A-3P NEMA 3R DISCONNECT SWITCH AT UNIT.
- 13. INTERLOCK EXHAUST FAN WITH DISHWASHING MACHINE. PROVIDE ALL CONTROL AND POWER WIRING TO DISHMACHINE CONTROL PANEL. SEE DRAWING E361, E362, AND K-SERIES DRAWINGS.
- 14. INTERLOCK POWER AND CONTROL WIRING FOR EXHAUST FAN WITH MAU CONTROL PANEL. SEE DRAWING E361, E362, AND K-SERIES DRAWINGS.
- 15. CONNECT EXISTING EXHAUST FAN TO SPECIFIED CIRCUIT.
- 16. 2#12 1#12. 3/4" C. PROVIDE 20 2P, NF NEMA 3R DISCONNECT SWITCH.
- 17. PROVIDE 120V CONNECTION TO MOTORIZED DAMPER. SEE M601.
- 18. 2#12, 1#12G. 3/4" C. AND CONTROL WIRING TO INDOOR UNIT IN DRY STORAGE D111. SEE E211D.







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OLS) HAMILTON SOUTHEASTERN SCHOOl
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 Lantern Rd, Fishers, IN 46038

SCOPE DRAWINGS:

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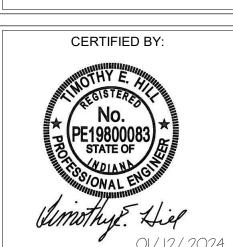
REVISIONS: Addendum#2 02/02/2024 Addendum#3 02/09/2024

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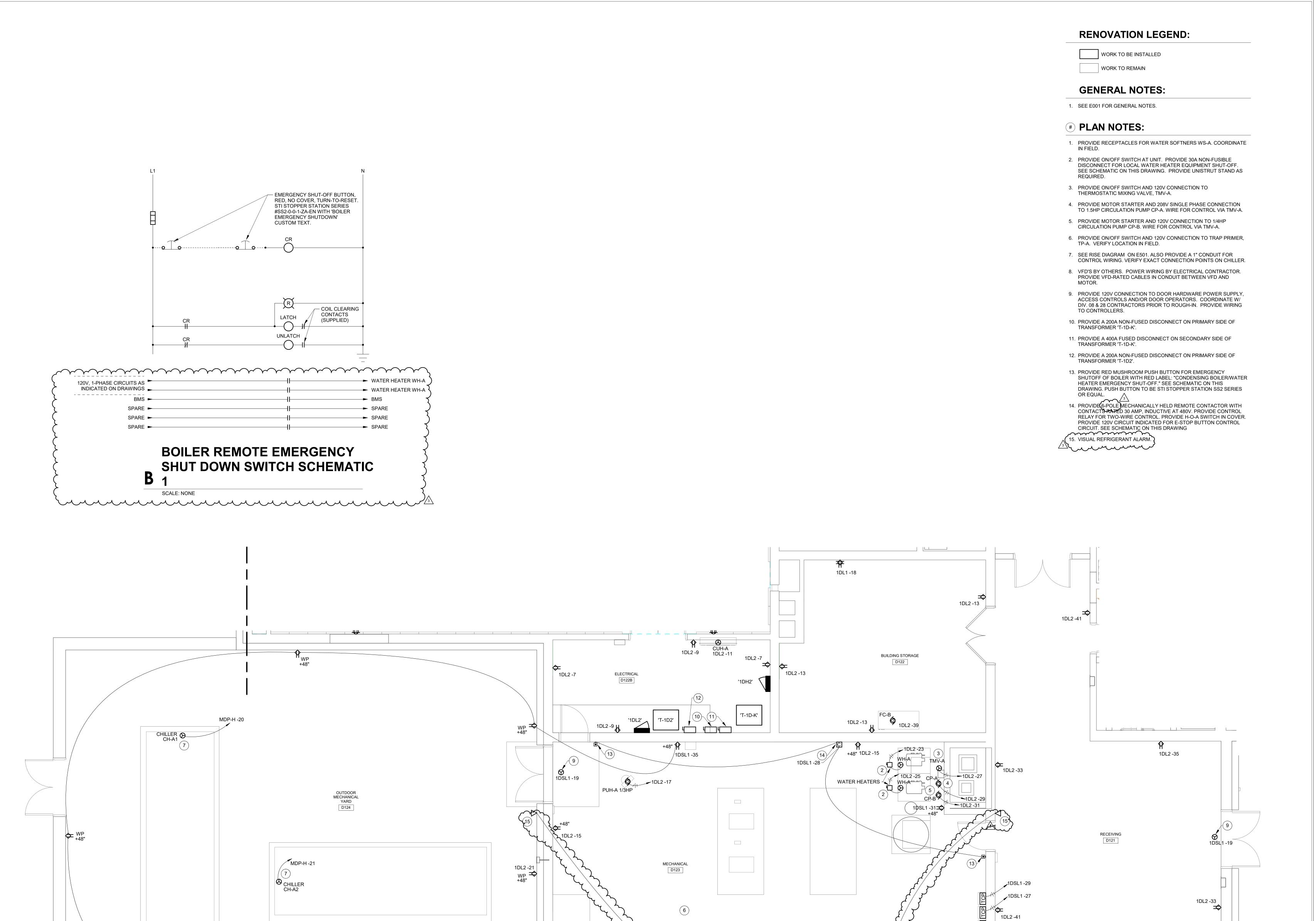
01/15/24

DRAWING TITLE: **ROOF PLAN -ELECTRICAL**

DK



DRAWING NUMBER E220



- WATER SOFTENERS

A MECH AND ELEC - UNIT D - ELECTRICAL

REFRIGERANT MONITORING SYSTEM

Hamilton Southeastern Schools



Dímo d Associate

70

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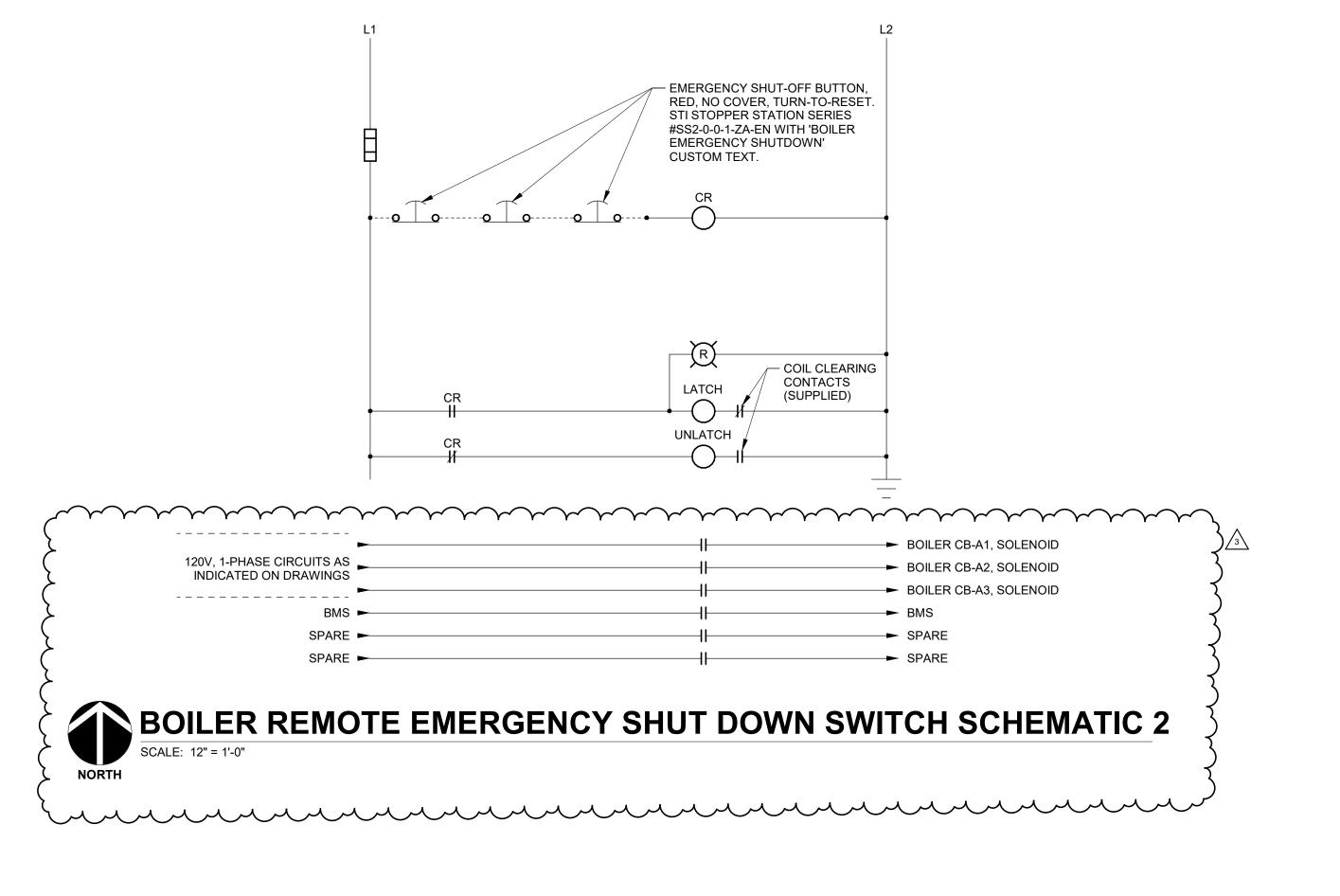
DRAWING TITLE: MECH AND ELEC - UNIT D -ELECTRICAL

CERTIFIED BY:

DRAWING NUMBER

6 1DL2 -37

E301





WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

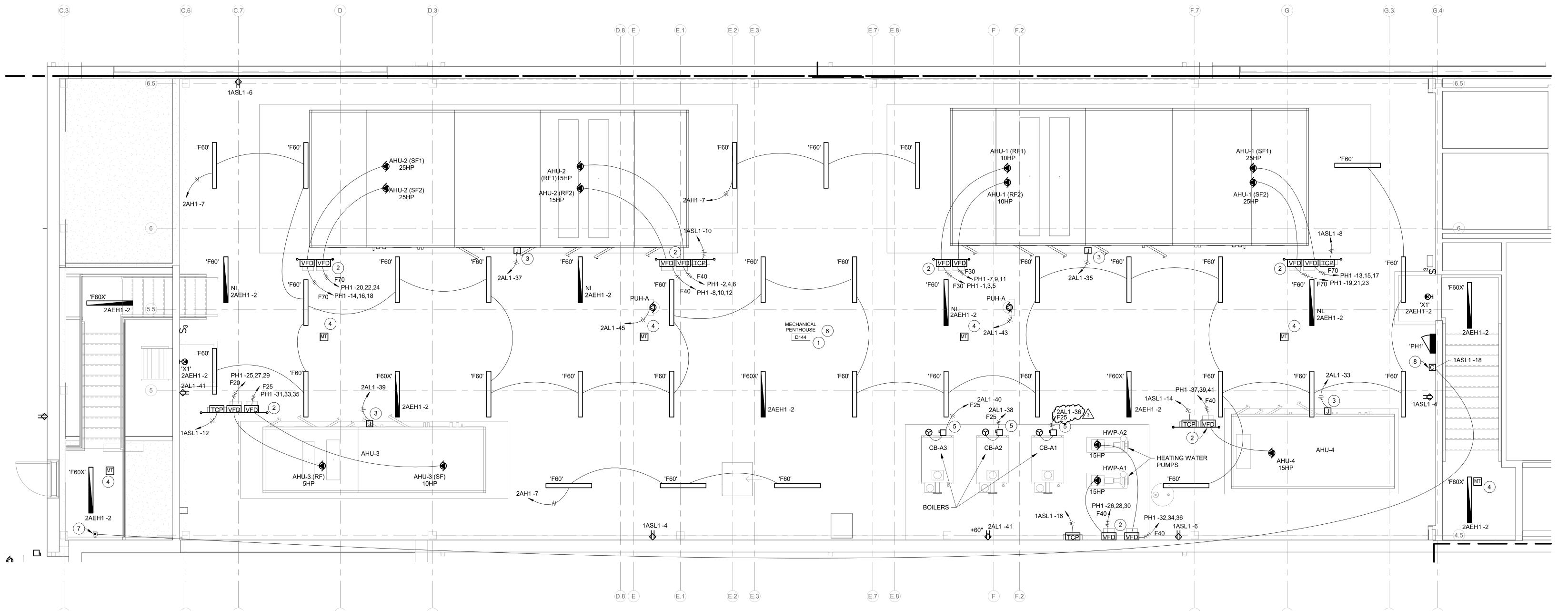
- 1. SEE E001 FOR GENERAL NOTES.
- 2. PROVIDE UNISTRUT SUPPORT STANDS FOR ELECTRICAL EQUIPMENT AS REQUIRED.

(#) PLAN NOTES:

- 1. PROVIDE (4) ADDITIONAL TYPE 'F60' LIGHTING FIXTURES FOR THIS ROOM AND INSTALL PER ENGINEER'S DIRECTION.
- 2. VFD BY OTHERS. POWER WIRING BY E.C. PROVIDE VFD-RATED CABLES IN CONDUIT BETWEEN VFD AND MOTOR.
- 3. PROVIDE CIRCUIT LISTED TO SINGLE-POINT CONNECTION FOR LIGHTS AND RECEPTACLES FURNISHED WITH AHU. COORDINATE LOCATION IN FIELD WITH MECHANICAL CONTRACTOR.
- 4. LOCATE OCCUPANCY SENSOR BELOW DUCTS AND PIPES. COORDINATE LOCATION WITH ALL TRADES.
- 5. PROVIDE 30A, NON-FUSIBLE DISCONNECT SWITCH AT BOILER FOR LOCAL BOILER EQUIPMENT SHUT-OFF.
- 6. PROVIDE ON/OFF SWITCH AND 120V CONNECTION TO TRAP PRIMER TP-C. VERIFY LOCATION IN FIELD.
- 7. PROVIDE RED MUSHROOM PUSH BUTTON FOR EMERGENCY SHUTOFF OF BOILER WITH RED LABEL: "CONDENSING BOILER EMERGENCY SHUT-OFF." SEE SCHEMATIC ON THIS DRAWING. PUSH

BUTTON TO BE STI STOPPER STATION SS2 SERIES OR EQUAL.

8. PROVIDE 6-POLE MECHANICALLY HELD REMOTE CONTACTOR WITH CONTACTS RATED 30 AMP, INDUCTIVE AT 480V. PROVIDE CONTROL RELAY FOR TWO-WIRE CONTROL. PROVIDE H-O-A SWITCH IN COVER. PROVIDE 120V CIRCUIT INDICATED FOR E-STOP BUTTON CONTROL CIRCUIT. SEE SCHEMATIC ON THIS DRAWING







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REVISIONS:

Addendum#2 02/02/2024

Addendum#3 02/09/2024

ISSUE DATE DRAWN BY CHECKED BY 01/15/24 GSR DEW

MECHANICAL
PENTHOUSE ELECTRICAL

CERTIFIED BY:

OTHY E.

No.

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STATE OF

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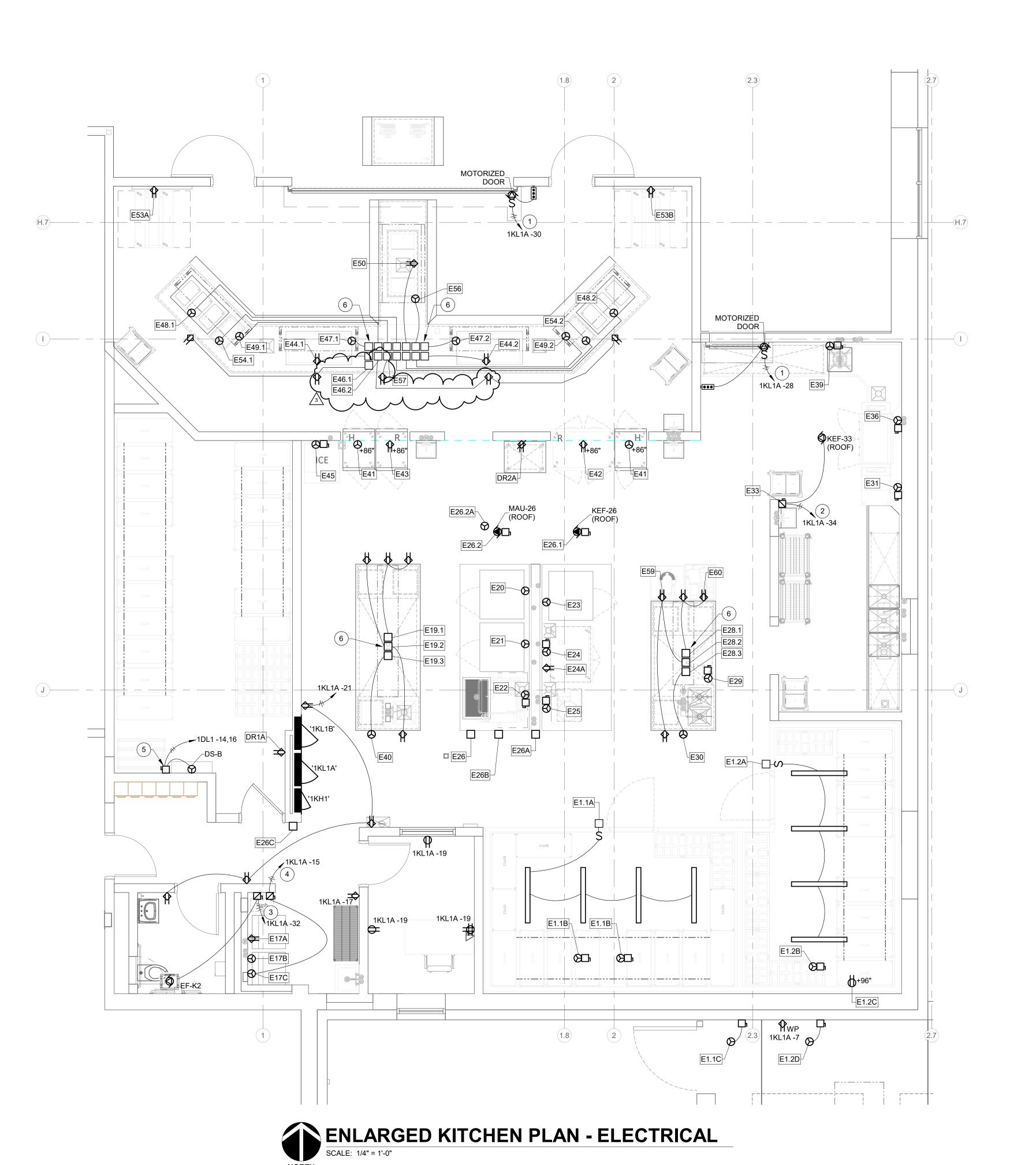
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E302



RENOVATION LEGEND:

WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

- 1. SEE E001 FOR GENERAL NOTES.
- 2. SEE E362 FOR KITCHEN EQUIPMENT SCHEDULES.
- 3. COORDINATE ALL KITCHEN EQUIPMENT ELECTRICAL LOCATIONS AND REQUIREMENTS WITH K.E.C. PRIOR TO ROUGH-IN. ELECTRICIAN TO COORDINATE ALL AMPERAGE AND VOLTAGE REQUIREMENTS WITH K.E.C. PRIOR TO PURCHASING ANY EQUIPMENT OR ROUGH-IN.
- 4. REFER TO FOOD SERVICE DRAWINGS AND VERIFY ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- 5. ELECTRICAL CONTRACTOR TO INSTALL ALL CONTROL PANELS, STARTERS, SOLENOID VALVES, JUNCTION BOXES, AND DISCONNECT SWITCHES FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR.
- 6. ELECTRICAL CONTRACTOR TO PROVIDE ALL WIRING, ELECTRICAL OUTLETS, STARTERS, JUNCTION BOXES, DISCONNECT SWITCHES, AND CONDUIT REQUIRED FOR EQUIPMENT INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ELECTRICAL CODE REQUIREMENTS. ELECTRICAL RECEPTACLES TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
- 7. ELECTRICAL CONTRACTOR TO PROVIDE SHUNT TRIP BREAKERS FOR ALL ELECTRICAL SERVICE TO EQUIPMENT UNDER EXHAUST HOOD.
- 8. ELECTRICAL CONTRACTOR TO PROVIDE CAPS AND CORDS FOR ALL ITEMS WHICH USE CONVENIENCE OUTLETS WHEN NOT SUPPLIED BY THE MANUFACTURER AND SHORTEN ANY CORDS IF NECESSARY.
- 9. VERIFY RECEPTACLE TYPE WITH EQUIPMENT CONNECTIONS -STRAIGHT BLADE OR TWIST-LOCK PRIOR TO ROUGH-IN.

PLAN NOTES:

- 1. INSTALL CONTROL STATION AND SAFETY CONTACT SWITCHES FURNISHED WITH MOTORIZED DOOR OPERATOR.
- 2. PROVIDE MANUAL MOTOR STARTER WITH PILOT LIGHT IN NEMA 4X ENCLOSURE FOR DISH MACHINE CONDENSATE EXHAUST FAN ON ROOF. SEE SHEET E362 FOR ADDITIONAL NOTES.
- 3. PROVIDE MANUAL MOTOR STARTER WITH PILOT LIGHT FOR RESTROOM EXHAUST FAN.
- 4. PROVIDE MANUAL MOTOR STARTER WITH PILOT LIGHT FOR DRYER BOOSTER FAN.
- 5. MINI-SPLIT AIR CONDITIONING INDOOR UNIT. POWER FROM OUTDOOR UNIT ON ROOF. 2#12, 1#12G. - 3/4" C PLUS CONTROL WIRING. PROVIDE 20A, 2P, NON-FUSED NEMA 1 DISCONNECT SWITCH. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 6. COORDINATE EXACT LOCATION OF STUB-UP CONNECTIONS TO CUSTOM WORKTABLES WITH KITCHEN EQUIPMENT CONSULTANT AND APPROVED SHOP DRAWINGS PRIOR TO ROUGH-IN.







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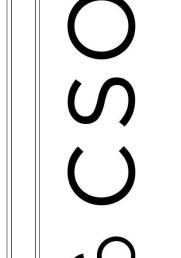
DRAWING TITLE: **ENLARGED** KITCHEN PLAN -ELECTRICAL

DRAWING NUMBER E361



					KITCHEN EQUIP	MENT ELECTRICA	L SCHEDULE		
TAG	ITEM DESCRIPTION		ELECTRICAL DATA	CIRCUIT	HP NEMA	BREAKER	CONDUIT/WIRE	CONNECTION	ELECTRICAL NOTES
DR1A DR2A	GENERAL RECEPTACLE GENERAL RECEPTACLE	180 W 180 W	120 V/1-180 VA 120 V/1-180 VA	1KL1A-16 1KL1A-10	5-20R GFCI 5-20R GFCI	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	MOUNTED HORIZONTALLY AT 48" AFF. COORDINATE EXACT MOUNTING HEIGHT WITH KEC DRAWINGS.
E1.1A	WALK-IN COOLER DOOR/LIGHTS	500 W	120 V/1-500 VA	1DSL1-2	DIRECT	20A-1P GFCI	2 #12, 1 #12 GND, 3/4" C.	DIRECT	INSTALL FOUR (4) LED LIGHT FIXTURES PROVIDED BY COOLER MANUFACTURER. WIRE THROUGH SWITCH ON WALL FOR CONTROL. COORDINATE LAYOUT OF LIGHTING WITH KEC PRIOR TO ROUGH-IN.
E1.1B E1.1B	WALK-IN COOLER BLOWER COIL WALK-IN COOLER BLOWER COIL	192 W 192 W	120 V/1-192 VA 120 V/1-192 VA	1DSL1-4 1DSL1-4	DIRECT DIRECT	20A-1P GFCI 20A-1P GFCI	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	DIRECT DIRECT	PROVIDE 120V, 2-POLE NEMA 3R TOGGLE SWITCH. PROVIDE 120V. 2-POLE NEMA 3R TOGGLE SWITCH.
E1.1C	WALK-IN COOLER BLOWER COIL WALK-IN COOLER CONDENSING UNIT	2371 W	208 V/1-2371 VA	1DSL1-4 1DSL1-18,20	DIRECT	20A-1P GPC1 20A-2P	2 #12, 1 #12 GND, 3/4" C.	DIRECT	PROVIDE 208V, 30A-2P NEMA 3R NON-FUSIBLE SWITCH.
E1.2A	WALK-IN FREEZER DOOR/LIGHTS	500 W	120 V/1-500 VA	1DSL1-8	DIRECT	20A-1P GFCI	2 #12, 1 #12 GND, 3/4" C.	DIRECT	INSTALL FOUR (4) LED LIGHT FIXTURES PROVIDED BY COOLER MANUFACTURER. WIRE THROUGH SWITCH ON WALL FOR CONTROL. COORDINATE LAYOUT OF LIGHTING WITH KEC PRIOR TO ROUGH-IN.
E1.2B E1.2C	WALK-IN FREEZER BLOWER COIL WALK-IN FREEZER HEATED DRAIN TAPE	3328 W 180 W	208 V/1-3328 VA 120 V/1-180 VA	1DSL1-10,12	DIRECT DIRECT	30A-2P 20A-1P GFCI	2 #10, 1 #10 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	DIRECT DIRECT	PROVIDE 208V, 30A-2P NEMA 3R TOGGLE SWITCH. PROVIDE CONNECTION TO HEATED DRAIN TAPE AT 96" AFF. CONFIRM EXACT LOCATION WITH KEC
E1.2D	WALK-IN FREEZER CONDENSING UNIT	3952 W	208 V/1-3952 VA	1DSL1-6 1DSL1-14,16	DIRECT	30A-2P	2 #10, 1 #10 GND, 3/4" C.	DIRECT	DRAWINGS. PROVIDE 208V, 30A-2P NEMA 3R NON-FUSIBLE SWITCH.
E17A	WASHER	1488 W	120 V/1-1488 VA	1KL1A-9	5-20R GFCI	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	COORDINATE MOUNTING HEIGHT WITH KEC DRAWINGS.
E17B	DRYER POOCTED FAN	4576 W	208 V/1-4576 VA	1KL1A-11,13	14-30R	30A-2P 20A-1P	3 #10, 1 #10 GND, 3/4" C	CORD AND PLUG	COORDINATE EVACT CONNECTION FOR DRIVER ROOSTER FAN WITH MANUE ACTURED
E17C E19.1	DRYER BOOSTER FAN ISLAND WORKTABLE - CIRC. #1	850 W 180 W	120 V/1-850 VA 120 V/1-180 VA	1KL1A-15 1KL1A-23	5-20R GFCI	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG DIRECT	COORDINATE EXACT CONNECTION FOR DRYER BOOSTER FAN WITH MANUFACTURER. MOUNTED TO ITEM 19. ROUTE POWER THROUGH UTILITY CHASE.
E19.2	ISLAND WORKTABLE - CIRC. #2	180 W	120 V/1-180 VA	1KL1A-25	5-20R GFCI	20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT	MOUNTED TO ITEM 19. ROUTE POWER THROUGH UTILITY CHASE.
E19.3	ISLAND WORKTABLE - CIRC. #3	4576 W	208 V/1-4576 VA	1KL1A-27,29	6-30R	30A-2P	2 #10, 1 #10 GND, 3/4" C.	DIRECT	MOUNTED TO ITEM 19. ROUTE POWER THROUGH UTILITY CHASE.
E20	COMBI OVEN	15833 W	208 V/3-15833 VA	1KL1B-7,9,11	15-60R	60A-3P SHUNT TRIP	3 #6, 1 #10 GND, 1" C.	CORD AND PLUG	PROVIDE NEMA 15-60P CORDSET. WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KITCHEN DRAWINGS.
E21	COMBI OVEN	15833 W	208 V/3-15833 VA	1KL1B-15,17,19	15-60R	60A-3P SHUNT TRIP	3 #6, 1 #10 GND, 1" C.	CORD AND PLUG	PROVIDE NEMA 15-60P CORDSET. WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KITCHEN DRAWINGS.
E22	TILTING SKILLET	11515 W	208 V/3-11515 VA	1KL1B-23,25,27	DIRECT	40A-3P SHUNT TRIP	3 #8, 1 #10 GND, 3/4" C.	DIRECT	PROVIDE 208V, 60A-3P NON-FUSED DISCONNECT SWITCH IN NEMA 4X ENCLOSURE. PROVIDE DIRECT CONNECTION TO TILT SKILLET. COORDINATE EXACT CONNECTION POINT IN FIELD.
E23	EXISTING COMBI OVEN	15833 W	208 V/3-15833 VA	1KL1B-31,33,35	15-60R	60A-3P SHUNT TRIP	3 #6, 1 #10 GND, 1" C.	CORD AND PLUG	PROVIDE NEMA 15-60P CORDSET. WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KITCHEN DRAWINGS.
E24	CONVECTION OVEN	18000 W	208 V/3-18000 VA	1KL1B-39,41,43	DIRECT	70A-3P SHUNT TRIP	3 #4, 1 #8 GND, 1-1/4" C.	DIRECT	PROVIDE 208V, 100A-3P NON-FUSED DISCONNECT SWITCH IN NEMA 4X ENCLOSURE. PROVIDE DIRECT CONNECTION TO CONVECTION OVEN. COORDINATE EXACT CONNECTION POINT IN FIELD. WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KITCHEN DRAWINGS.
E24A	CONVECTION OVEN CONTROLS/FAN	528 W	120 V/1-528 VA	1KL1B-8	5-20R GFCI	20A-1P SHUNT TRIP	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KITCHEN DRAWINGS.
E25	TILTING SKILLET	9788 W	208 V/3-9788 VA	1KL1B-47,49,51	DIRECT	40A-3P SHUNT TRIP	3 #8, 1 #10 GND, 3/4" C.	DIRECT	PROVIDE 208V, 60A-3P NON-FUSED DISCONNECT SWITCH IN NEMA 4X ENCLOSURE. PROVIDE DIRECT CONNECTION TO TILT SKILLET. COORDINATE EXACT CONNECTION POINT IN FIELD. WIRE SHUNT TRIP TO HOOD CONTROL PANEL. COORDINATE WITH KITCHEN DRAWINGS.
E26	EXHAUST HOOD	1440 W	120 V/1-1440 VA	1DSL1-22	DIRECT	20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT	PROVIDE CONNECTION TO JUNCTION BOX ON TOP OF EXHAUST HOOD FOR LIGHTS/CONTROLS CIRCUIT. PROVIDE AND INSTALL CONDUIT AND TWO (2) WIRES FROM MICROSWITCH IN FIRE SUPPRESSION SYSTEM CABINET TO TERMINAL BLOCK IN JUNCTION BOX ON TOP OF HOOD. REFER TO MANUFACTURER'S DRAWINGS FOR FINAL CONNECTION LOCATIONS. PROVIDE CONTROL WIRING TO MAKEUP AIR UNIT AND EXHAUST FAN ASSOCIATED WITH HOOD. SEE K500 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
E26.1	EXHAUST HOOD - EXHAUST FAN	10712 W	480 V/3-10712 VA	1KH1-25,27,29	DIRECT	20A-3P	3 #12, 1 #12 GND, 3/4" C.	DIRECT	WIRE CIRCUIT THROUGH VFD LOCATED IN EXHAUST HOOD CONTROL PANEL. PROVIDE 30A-3P NON-FUSIBLE DISCONNECT IN NEMA 3R ENCLOSURE. INTERLOCK POWER AND CONTROL WIRING FOR EXHAUST FAN WITH MAKEUP AIR UNIT CONTROL PANEL. SEE K500 SERIES DRAWINGS.
E26.2	EXHAUST HOOD - MAKEUP AIR UNIT	7058 W	480 V/3-7058 VA	1KH1-31,33,35	DIRECT	15A-3P	3 #12, 1 #12 GND, 3/4" C	DIRECT	WIRE CIRCUIT THROUGH VFD LOCATED IN EXHAUST HOOD CONTROL PANEL. CONNECT TO DISCONNECT FURNISHED WITH MAKEUP AIR UNIT. PROVIDE CONTROL WIRING AND INTERLOCK WITH HOOD CONTROL PANEL FOR SHUTDOWN AND THERMOSTATIC CONTROLS FOR START/STOP. COORDINATE WITH K500 SERIES DRAWINGS.
E26.2A E26A	MAKEUP AIR UNIT CONTROL PANEL EXHAUST HOOD - GAS VALVE	360 W 600 W	120 V/1-360 VA 120 V/1-600 VA	1KL1B-12	DIRECT DIRECT	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	DIRECT DIRECT	PROVIDE CONNECTION TO MAKEUP AIR UNIT CONTROL CIRCUIT. PROVIDE CONNECTION TO GAS VALVE. COORDINATE EXACT LOCATION IN FIELD. WIRE TO HOOD
				1DSL1-24			, , ,	DIRECT	CONTROL PANEL AS REQUIRED.
E26B E26C	EXHAUST HOOD - FIRE SUPPRESSION CABINET REMOTE MANUAL ACTIVATION DEVICE	600 W 0 W	120 V/1-600 VA 120 V/1-0 VA	1DSL1-26	DIRECT -	20A-1P -	2 #12, 1 #12 GND, 3/4" C.	DIRECT -	PROVIDE CONNECTION TO HOOD FIRE SUPPRESSION CABINET. PROVIDE FLUSH MOUNTED 4-INCH x 4-INCH OCTAGONAL FIRE PULL STATION BOX WITH 3/4" CONDUIT FROM BOX TO HOOD FIRE SUPPRESSION SYSTEM CABINET. COORDINATE ELECTRICAL AND FIRE ALARM
E28.1	ISLAND WORKTABLE - CIRC. #1	180 W	120 V/1-180 VA	1KL1A-31	5-20R GFCI	20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT	CONNECTIONS WITH K.E.C DRAWINGS. MOUNTED TO ITEM 28. ROUTE POWER THROUGH UTILITY CHASE.
E28.2	ISLAND WORKTABLE - CIRC. #2	180 W	120 V/1-180 VA	1KL1A-33	5-20R GFCI	20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT	MOUNTED TO ITEM 28. ROUTE POWER THROUGH UTILITY CHASE.
E28.3	ISLAND WORKTABLE - CIRC. #3	4576 W	208 V/1-4576 VA	1KL1A-35,37	6-30R	30A-2P	2 #10, 1 #10 GND, 3/4" C.	DIRECT	MOUNTED TO ITEM 28. ROUTE POWER THROUGH UTILITY CHASE.
E29	GARBAGE DISPOSER	2159 W	208 V/3-2159 VA	1KL1A-43,45,47	DIRECT	20A-3P	3 #12, 1 #12 GND, 3/4" C.	DIRECT	PROVIDE 208V, 30A-3P FUSED DISCONNECT SWITCH IN NEMA 4X ENCLOSURE. PROVIDE CONNECTION THROUGH CONTROL PANEL. ELECTRICAL CONTRACTOR TO INTERCONNECT SOLENOID VALVE AS REQUIRED.
E30 E31	HOT WATER DISPENSER DISH MACHINE BLOWER DRYER	4992 W 13037 W	208 V/1-4992 VA 480 V/3-13037 VA	1KH1-37,39,41	DIRECT	- 20A-3P	- 3 #12, 1 #12 GND, 3/4" C.	- DIRECT	CORD AND PLUG TO NEMA 6-30R RECEPTACLE ON ISLAND WORKTABLE (ITEM 28). PROVIDE 480V, 30-AMP NON-FUSED DISCONNECT SWITCH IN NEMA 4X ENCLOSURE. PROVIDE CONNECTION TO DISH MACHINE BLOWER DRYER.
E33	DISH MACHINE EXHAUST FAN	864 W	120 V/1-864 VA	1KL1A-34	1/3 DIRECT	20A-1P	2 #10, 1 #10 GND, 3/4" C.	DIRECT	PROVIDE NEMA SIZE 1 MOTOR STARTER WITH PILOT LIGHT AND AUXILIARY CONTACT FOR CONTROL OF EXHAUST FAN. EXTEND AND CONNECT CONTROL WIRING BETWEEN MOTOR STARTER AND FACTORY INSTALLED CONTACTS ON DISH MACHINE. PROVIDE 30A NON-FUSED DISCONNECT IN NEMA 3R ENCLOSURE ON ROOF BY EXHAUST FAN. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT INSTALLER.
E36	DISH MACHINE	56467 W	480 V/3-56467 VA	1KH1-38,40,42	DIRECT	90A-3P	3 #3, 1 #8 GND, 1-1/4" C.	DIRECT	PROVIDE 480V, 100-AMP NON-FUSED DISCONNECT SWITCH IN NEMA 4X ENCLOSURE. PROVIDE CONNECTION TO DISH MACHINE
E39	GARBAGE DISPOSER	2159 W	208 V/3-2159 VA	1KL1A-49,51,53	DIRECT	20A-3P	3 #12, 1 #12 GND, 3/4" C.	DIRECT	PROVIDE 208V, 30A-3P FUSED DISCONNECT SWITCH IN NEMA 4X ENCLOSURE. PROVIDE CONNECTION THROUGH CONTROL PANEL. ELECTRICAL CONTRACTOR TO INTERCONNECT SOLENOID VALVE AS REQUIRED.
E40	MICROWAVE OVEN	4160 W	208 V/1-4160 VA	4121 4 4 4 0 0 0		-	- 0 #40 4 #40 00 5 6 7 7	-	CORD AND PLUG TO NEMA 6-30R RECEPTACLE ON ISLAND WORKTABLE (ITEM 19).
E41	PASS-THRU HEATED CABINET PASS-THRU HEATED CABINET	1622 W 1622 W	208 V/1-1622 VA 208 V/1-1622 VA	1KL1A-18,20 1KL1A-22,24	6-20R 6-20R	20A-2P 20A-2P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	MOUNTED AT 86" AFF. COORDINATE EXACT MOUNTING HEIGHT WITH KEC DRAWINGS. MOUNTED AT 86" AFF. COORDINATE EXACT MOUNTING HEIGHT WITH KEC DRAWINGS.
E41	2-DOOR PASS-THRU REFRIGERATOR	708 W	120 V/1-708 VA	1KL1A-22,24 1KL1A-8	5-20R 5-20R	20A-2P 20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	MOUNTED AT 86" AFF. COORDINATE EXACT MOUNTING HEIGHT WITH KEC DRAWINGS. MOUNTED AT 86" AFF. COORDINATE EXACT MOUNTING HEIGHT WITH KEC DRAWINGS.
E43	PASS-THRU REFRIGERATOR	456 W	120 V/1-456 VA	1KL1A-26	5-20R	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	MOUNTED AT 86" AFF. COORDINATE EXACT MOUNTING HEIGHT WITH KEC DRAWINGS.
E44.1	DROP-IN FROST TOP	456 W	120 V/1-456 VA	1KL1B-38	5-20R	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	MOUNT 5-20R RECEPTACLE TO CUSTOM CASEWORK.
E44.2	DROP-IN FROST TOP VETMAKER	456 W	120 V/1-456 VA 288 V/1-1822 VA	1KL1B-42	5-20R DIRECT	20A-1P 20A-2P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	MOUNT 5-20R RECEPTACLE TO CUSTOM CASEWORK. PROVIDE 800A-2P NOW FUSIBLE DISCONNECT.
E46.1	SERVING LINE - CIRCUIT #1	180 W	120 V/1-180 VA	1K L 1B-14	DIRECT	20A-1P	2 #12, V #12 GND, 3/4" C.	DIRECT	MOUNTED TO INEM 46. ROUTE POWERVITHROUGH VITILITY CHASE.
E46.2	SERVING LINE - CIRCUIT #2	180 W	120 V/1-180 VA	1KL1B-50	DIRECT	20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT	MOUNTED TO ITEM 46. ROUTE POWER THROUGH UTILITY CHASE.
E47.1	SELF-SERVE BREATH GUARD SELF-SERVE BREATH GUARD	720W	120 V/1-720 VA 120 V/ 1-7 20 VA	1KL1B-40 1KL1B-44	DIRECT	20A-1P	2 #12.1 #12 GND. 1/4" C. 2 #12, 1 #12 GND, 3/4" C.	DIRECT	MOUNTED TO SERVING ISLAND. ROUTE POWER THROUGH UNLITY CHASE. MOUNTED TO SERVING ISLAND. ROUTE POWER THROUGH UTILITY CHASE.
E48.1	DROP-IN HOT WELL UNIT	1685 W	208 V/1-1685 VA	1KL1B-16,18	6-20R	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA 6-20P CORDSET. MOUNT RECEPTACLE TO CUSTOM CASEWORK.
E48.2	DROP-IN HOT WELL UNIT	1685 W	208 V/1-1685 VA	1KL1B-28,30	6-20R	20A-2P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	PROVIDE NEMA 6-20P CORDSET. MOUNT RECEPTACLE TO CUSTOM CASEWORK.
E49.1 E49.2	SELF-SERVE BREATH GUARD SELF-SERVE BREATH GUARD	720 W 720 W	120 V/1-720 VA 120 V/1-720 VA	1KL1B-50 1KL1B-36	DIRECT DIRECT	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT DIRECT	MOUNTED TO SERVING ISLAND. ROUTE POWER THROUGH UTILITY CHASE. MOUNTED TO SERVING ISLAND. ROUTE POWER THROUGH UTILITY CHASE.
E49.2 E50	DROP-IN COLD WELL UNIT	1020 W	120 V/1-720 VA 120 V/1-1020 VA	1KL1B-36 1KL1B-48	5-20R	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	MOUNT 5-20R RECEPTACLE TO CUSTOM CASEWORK.
E53A	MILK COOLER (WEST)	816 W	120 V/1-816 VA	1KL1A-12	5-20R GFCI		2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	
E53B	MILK COOLER (EAST)	816 W	120 V/1-816 VA	1KL1A-14	5-20R GFCI	004.05	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	MOUNT 44 COD DECEDTACLE TO CUCTOM CASE WORK
E54.1 E54.2	DROP-IN HOT/COLD WELL UNIT DROP-IN HOT/COLD WELL UNIT	1498 W 1498 W	208 V/1-1498 VA 208 V/1-1498 VA	1KL1B-20,22 1KL1B-32,34	14-20R 14-20R	20A-2P 20A-2P	3 #12, 1 #12 GND, 3/4" C. 3 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	MOUNT 14-20R RECEPTACLE TO CUSTOM CASEWORK. MOUNT 14-20R RECEPTACLE TO CUSTOM CASEWORK.
E54.2	SELF-SERVE DOUBLE-SIDED BREATH GUARD	720 W	120 V/1-720 VA	1KL1B-32,34 1KL1B-46	DIRECT	20A-2P 20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT	MOUNTED TO SERVING ISLAND. ROUTE POWER THROUGH UTILITY CHASE.
E57	SERVING LINE - CIRCUIT #2	180 W	120 V/1-180 VA	1KL1B-26	DIRECT	20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT	MOUNTED TO ITEM 46. ROUTE POWER THROUGH UTILITY CHASE.
E59 E60	MIXER WITH STAND. SLICER WITH STAND	720 W 300 W	120 V/1-720 VA 120 V/1-300 VA			-	-	-	CORD AND PLUG TO NEMA 5-20R RECEPTACLE ON ISLAND WORKTABLE (ITEM 28). CORD AND PLUG TO NEMA 5-20R RECEPTACLE ON ISLAND WORKTABLE (ITEM 28).
E00	OLIGER WITH GIAND	J J J V V V	120 V/1-300 VA		<u> </u>	-	<u> </u>	-	COLD / MAD I LOG TO TALIWA 0-2011 ILCLI TACLE ON ISLAND WORKTABLE (HEW 20).









HAMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL

11442 Lantern Rd, Fishers, IN 46038

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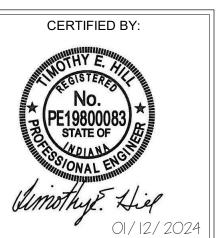
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REVISIONS: Addendum#3 02/09/2024

ISSUE DATE | DRAWN BY | CHECKED BY | 01/15/24 JPS TEH

DRAWING TITLE: **ENLARGED** KITCHEN PLAN -SCHEDULES



DRAWING NUMBER E362

	LIGHTING CONTROL STRATEGY FOR HAMILTON SOUTHEASTE	RN SCHOO	_S
AREA	DESCRIPTION	COLOR TEMP.	LIGHT LEVEL (AT 100%)
ELEMENTARY GYMNASIUM	ENTER - OCCUPANCY SENSOR TURNS ON WALK-THROUGH LIGHTS WALL DIMMING SWITCHES ADJUST LIGHTS TO DIMMED LEVEL (10 TO 100%) EXIT - AFTER 30 MINUTES, OCCUPANCY SENSOR TURNS LIGHTS OFF SEE nLIGHT CONTROL STRATEGY FOR MORE INFORMATION, THIS SHEET	4000K	60 fc
CORRIDORS	ENTER - OCCUPANCY SENSOR TURNS LIGHTS ON 100% EXIT - AFTER 10 MINUTES, OCCUPANCY SENSOR TURNS LIGHTS OFF	4000K	
CLASSROOMS	ENTER - OCCUPANCY SENSOR TURNS LIGHTS ON AT LAST INTENSITY LEVEL (2) SWITCHING/DIMMING ZONES: FRONT ROW TEACHING WALL FIXTURES REMAINING CLASSROOM FIXTURES DIMMING SWITCHES ADJUST LIGHTS TO DIMMED LEVEL (10 TO 100%) EXIT - AFTER 20 MINUTES, OCCUPANCY SENSOR TURNS LIGHTS OFF	3500K	60 fc
RESTROOMS	ENTER - OCCUPANCY SENSOR TURNS LIGHTS ON EXIT - AFTER 10 MINUTES, OCCUPANCY SENSOR TURNS LIGHTS OFF	4000K	
CAFETERIA	ENTER - OCCUPANCY SENSOR TURNS LIGHTS ON AT 40% BRIGHTNESS DIMMING SWITCHES ADJUST LIGHTS TO DIMMED LEVEL (10 TO 100%) EXIT - AFTER 20 MINUTES, OCCUPANCY SENSOR TURNS LIGHTS OFF SEE nLIGHT CONTROL STRATEGY FOR MORE INFORMATION, THIS SHEET	4000K	
OFFICES AND MEDIA CENTERS	ENTER - OCCUPANCY SENSOR TURNS LIGHTS ON AT LAST INTENSITY LEVEL DIMMING SWITCHES ADJUST LIGHTS TO DIMMED LEVEL (10 TO 100%) EXIT - AFTER 10 MINUTES, OCCUPANCY SENSOR TURNS LIGHTS OFF	3500K	
STORAGE AND MECHANICAL ROOMS	ENTER - OCCUPANCY SENSOR TURNS LIGHTS ON 100% EXIT - AFTER 20 MINUTES, OCCUPANCY SENSOR TURNS LIGHTS OFF	4000K	

NOTE:
ALL OCCUPANCY SENSORS TO BE CEILING MOUNT.
MULTIPLE OCCUPANCY SENSORS WITHIN A ROOM OR CORRIDOR SHALL BE WIRED TOGETHER TO CONTROL ALL OF THE LIGHTS WITHIN THAT SPACE, UNLESS OTHERWISE NOTED.

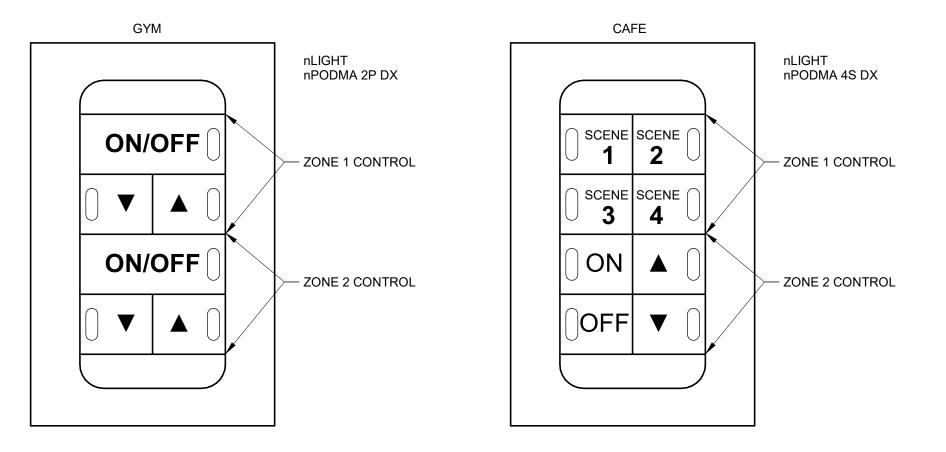
INTERIOR LIGHTING CONTROL STRATEGY

SCALE: NONE

	nLIGHT CONTROL STRATEGY
AREA	DESCRIPTION
GYMNASIUM	 ON OCCUPANCY SENSOR TRIGGER, nLIGHT SYSTEM TURNS LIGHTS OVER GYMNASIUM FLOOR ON AT WALK-THROUGH LEVEL (LIGHTS IN ALL 4 CORNERS ON TO 40%). NOTED AS 'c' ON DRAWINGS WALL DIMMING SWITCHES ADJUST LIGHTS TO DIMMED LEVEL (10 TO 100%). DIMMING SWITCHES SHALL BE 6-BUTTON: ON/OFF AND UP/DOWN DIMMING FOR (2) ZONES. ZONE 1 - LIGHTS OVER GYMNASIUM FLOOR (NOTED AS 'a' AND 'c' ON DRAWINGS) ZONE 2 - LIGHTS OVER BLEACHERS (NOTED AS 'b' ON DRAWINGS) AFTER 30 MINUTES OF NO ACTIVITY BY EITHER OCCUPANCY SENSORS OR SWITCHES, SYSTEM TURNS LIGHTS OFF.
CAFETERIA	 ON OCCUPANCY SENSOR TRIGGER, nLIGHT SYSTEM TURNS ALL CAFETERIA LIGHTS ON AT 40% BRIGHTNESS. WALL DIMMING SWITCHES ADJUST LIGHTS TO DIMMED LEVEL (10 TO 100%). DIMMING SWITCHES SHALL BE 8-BUTTON: (4) SCENES PLUS ON/OFF AND UP/DOWN DIMMING. SCENE 1 - MOVIE NIGHT/WALK-THRU (10% DIMMING) SCENE 2 - LOW (40%) SCENE 2 - LOW (40%) SCENE 3 - MEDIUM (80%) SCENE 4 - HIGH (100%) AFTER 20 MINUTES OF NO ACTIVITY BY EITHER OCCUPANCY SENSORS OR SWITCHES, SYSTEM TURNS LIGHTS OFF.
EXTERIOR	EVENING: ON LIGHTING CONTROLLER ASTRONOMICAL TIME CLOCK TRIGGER, nLIGHT SYSTEM TURNS ALL EXTERIOR LIGHTS ON. ON LIGHTING CONTROLLER TIME CLOCK TRIGGER, SYSTEM TURNS SELECTED LIGHTING ZONES OFF. MORNING: ON LIGHTING CONTROLLER TIME CLOCK TRIGGER, SYSTEM TURNS SELECTED LIGHTING ZONES BACK ON. ON LIGHTING CONTROLLER ASTRONOMICAL TIME CLOCK TRIGGER, SYSTEM TURNS ALL EXTERIOR LIGHTS OFF. LIGHTING ZONES ON ALL NIGHT: ABOVE DOORS & COURTYARDS (EGRESS) LIGHT POLES NEAR BUILDING, SIGN FLAGPOLE LIGHTING ZONES OFF DURING CERTAIN TIMES AT NIGHT: WEST PARKING LOT NORTHEAST PARKING LOT AND PLAYGROUND SOUTHEAST PARKING LOT

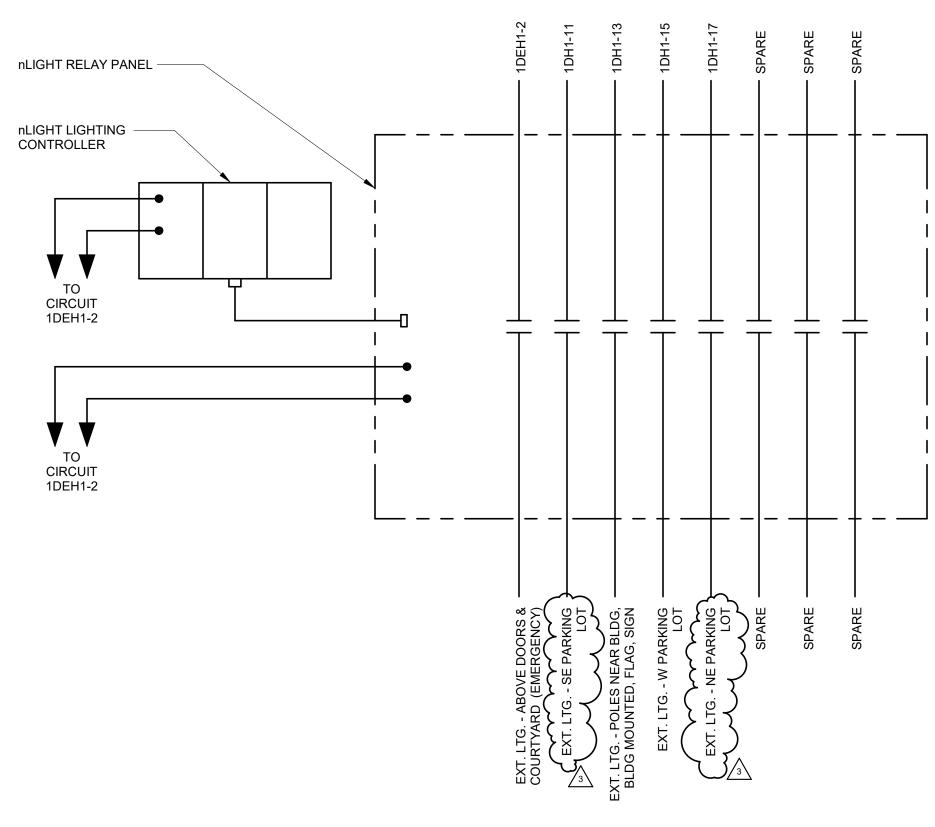
NOTE:
• VERIFY ALL SETTINGS WITH OWNER.

D nLIGHT CONTROL STRATEGY



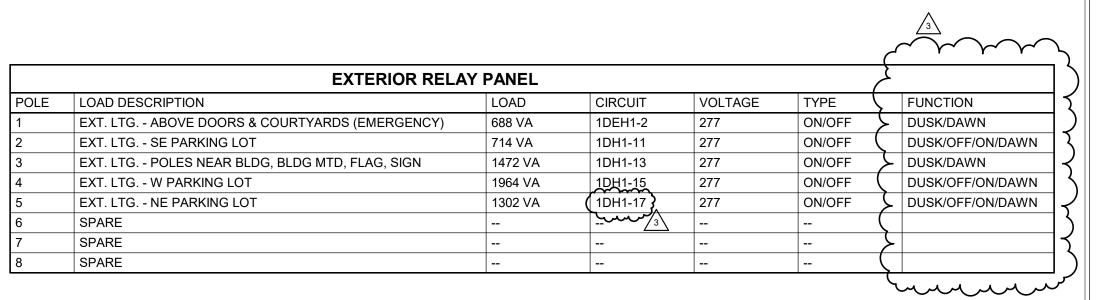
E nLIGHT SWITCH DETAILS

SCALE: NONE



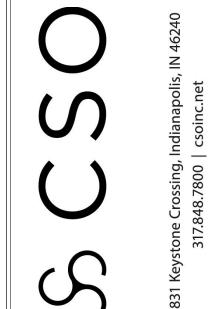
A PANEL CONTROL SCHEMATIC

SCALE: NONE



SCHEDULE









HAMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
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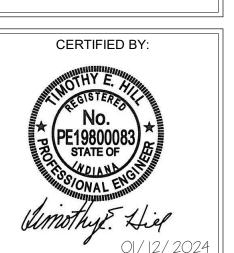
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REVISIONS:

2 Addendum#2 02/02/2024
3 Addendum#3 02/09/2024

ISSUE DATE DRAWN BY CHECKED BY
01/15/24 GSR DEW

DETAILS -LIGHTING CONTROL



E404

	LIGHT FIX	TURE S	CHEDU	JLE						
MARK	DESCRIPTION	MOUNTING	TOTAL FIXTURE WATTS	CRI	WATTS	COLOR	LUMENS	VOLTS	MANUFACTURER(S)	MARK
F01-4	LINEAR RECESSED, LENGTH INDICATED, TECH ZONE 4 COMPATIBLE, FLUSH MOUNT, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	RECESSED	38	80	9.5W/FT	4000K	800/FT	277 V	LUMENWERX VIA3R SERIES FINELITE HP-2R SERIES PRUDENTIAL BPRO3-REC SERIES	F01-4
F01-4X	SAME AS 'F01-4,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	38	80	9.5W/FT	4000K	800/FT	277 V		F01-4X
F01-6	SAME AS 'F01-4,' EXCEPT LENGTH.	RECESSED	57	80	9.5W/FT	4000K	800/FT	277 V		F01-6
F01-6X	SAME AS 'F01-6,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	57	80	9.5W/FT	4000K	800/FT	277 V		F01-6X
F01-8	SAME AS 'F01-4,' EXCEPT LENGTH.	RECESSED	76	80	9.5W/FT	4000K	800/FT	277 V		F01-8
F01-8X	SAME AS 'F01-8,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	76	80	9.5W/FT	4000K	800/FT	277 V		F01-8X
F10-10	LINEAR DIRECT 4-INCH WIDE BY LENGTH INDICATED, AIRCRAFT CABLE, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD COLORS. INSTALL WITH BOTTOM OF FIXTURE FLUSH WITH BOTTOM OF WOOD SLATS, 0-10V DIMMING TO 10-PERCENT.	SUSPENDED	93	80	9.3W/FT	3500K	925/FT	277 V	MARK S4LD SERIES LUMENWERX VIA4 SERIES FINELITE HP-4 SERIES	F10-10
F11	CUSTOM CIRCULAR-LINEAR PENDENT, 2.5 INCH APERTURE, COMBINATION OF (2) 8 FT LINEAR & (2) 36 INCH DIAMETER 180 DEGREES CURVED SECTIONS, 40% DIRECT & 60% INDIRECT DIST., 0-10V 1% DIMMING, ALUMINUM HOUSING, WHITE FINISH, NECESSARY SUSPENSION CABLES AND MOUNTING EQUIPMENT TO BE PROVIDED.	PENDENT	143	80	4.1W/FT	4000K	455/FT	277 V	XAL CURVE 2.5 WITH BASO 2.5 SERIES FORUM LIGHTING ARC SERIES PAL ARCHITECTURAL LASSO BEAM S3 DAY-O-LITE ARC SERIES LITHONIA CPANL1X4 SERIES	F11
F20	1 BY 4-FOOT FLAT PANEL, ACRYLIC LENS, 0-10V DIMMING TO 10-PERCENT	RECESSED	40	80	40W	3500K	4000	277 V	LITHONIA CPANL1X4 SERIES METALUX 14FP SERIES COLUMBIA CBT-LSCS SERIES	F20
F21	SAME AS 'F20,' EXCEPT COLOR.	RECESSED	40	80	40W	4000K	4000	277 V		F21
F22	2 BY 2-FOOT FLAT PANEL, ACRYLIC LENS, 0-10V DIMMING TO 10-PERCENT	RECESSED	26	80	26W	3500K	3200	277 V	LITHONIA CPANL2X2 SERIES METALUX 22FP SERIES COLUMBIA CBT-LSCS SERIES	F22
F22X	SAME AS 'F22,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	26	80	26W	3500K	3200	277 V		F22X
F23	SAME AS 'F22,' EXCEPT COLOR.	RECESSED	26	80	26W	4000K	3200	277 V		F23
F23X	SAME AS 'F23,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	26	80	26W	4000K	3200	277 V		F23X
F24	2 BY 4-FOOT FLAT PANEL, ACRYLIC LENS, 0-10V DIMMING TO 10-PERCENT	RECESSED	60	80	60W	3500K	6400	277 V	LITHONIA CPANL2X4 SERIES METALUX 24FP SERIES ILP VPAN SERIES 3	F24
F24X	SAME AS 'F24,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	60	80	60W	3500K	6400	277 V	The purpose	F24X
F25	SAME AS 'F24,' EXCEPT COLOR.	RECESSED	60	80	60W	4000K	6400	277 V	<u> </u>	F25
F25X	SAME AS 'F25,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	60	80	60W	4000K	6400	277 V		F25X
F26	2 BY 2-FOOT FLAT PANEL, RGBW COLOR TUNING WITH HAND-HELD REMOTE CONTROL.	RECESSED	36	80	36W	4000K	2700-3060	277 V	BARRON RGBWFP22 SERIES	F26
F26X	SAME AS 'F26,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	36	80	36W	4000K	2700-3060	277 V		F26X
F32	OPEN DOWNLIGHT, 6-INCH DIAMETER APERTURE, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED, 0-10V DIMMING TO 10-PERCENT, MEDIUM DISTRIBUTION.	RECESSED	15	80	14.5W	4000K	1100	277 V	GOTHAM EVO SERIES PORTFOLIO LD6B SERIES PRESCOLITE LTR6RD SERIES	F32
F32X	SAME AS 'F32,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	RECESSED	15	80	14.5W	4000K	1100	277 V		F32X
F33	SAME AS 'F32,' EXCEPT COLOR.	RECESSED	15	80	14.5W	3500K	1100	277 V		F33
F60	4-FOOT LENSED INDUSTRIAL, FORMED STEEL HOUSING, WHITE FINISH, SEMI-FROST ACRYLIC DIFFUSER.	SURFACE/ CHAIN HUNG	38	80	38W	4000K	5000	277 V	LITHONIA ZL1N SERIES METALUX SNLED SERIES COLUMBIA MPS SERIES	F60
F60X	SAME AS 'F60,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	SURFACE/ CHAIN HUNG	38	80	38W	4000K	5000	277 V		F60X
F80	HIGH BAY FIXTURE, 80 CRI, WHITE FINISH, MEDIUM DISTRIBUTION, FROSTED GLASS OPTIC, WIRE GUARD, SAFETY HOOK, AND 3-FOOT CHAIN.	SUSPENDED	191	80	191W	4000K	24000	277 V	METALUX UHB SERIES LITHONIA JEBL SERIES HOLOPHANE PHZ SERIES ILP RB3 SERIES	F80
F80X	SAME AS 'F80,' EXCEPT PROVIDE AUTOMATIC LOAD CONTROL RELAY (ALCR).	SUSPENDED	191	80	191W	4000K	24000	277 V		F80X
F82	4-FOOT INDUSTRIAL, WET-LOCATION LISTED, GASKETED, NON-METALLIC HOUSING, RIBBED FROSTED ACRYLIC SHIELDING, STAINLESS STEEL LATCHES.	SURFACE/ SURFACE WALL	47	80	47W	3500K	4850	277 V	COLUMBIA LXEM SERIES METALUX 4VT2 SERIES LITHONIA FEM SERIES	F82
X1	THERMOPLASTIC EXIT SIGN, WHITE HOUSING, AC ONLY.	UNIVERSAL	5	80	5W	RED	N/A	277 V	LITHONIA LQM SERIES SURE-LITES APX SERIES COMPASS CE SERIES	X1
X5	OUTDOOR ARCHITECTURAL LED LIGHT, DIE-CAST HOUSING, POLYCARBONATE LENS, EGRESS PATH COMPLIANT.	SURFACE WALL	11	80	11W	5000K	1050	277 V	EVENLITE WW BEGHELLI MEZZO ISOLITE ELED AC	X5

			FLOC	OR BOX SO	CHEDULE			
MARK (TAG)	CAPACITY	APPLICATION	COVER/FINISH	POWER DEVICES	IT DEVICES	AV DEVICES	CONDUITS	MANUFACTURER MODEL NUMBER
A	4-GANG	ON-GRADE	HUBBELL ROUND CFBS1R8CVRBLK	(2) DUPLEX GFI RECEPTACLES	(2) DATA	(2) HDMI	(1) 3/4" POWER (1) 1-1/4" IT (1) 2" AV (1) 1-1/4" SPARE	HUBBELL # CFB4G30RCR WITH CFBHUB2

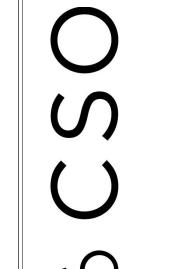
FLOOR BOX SCHEDULE NOTES:

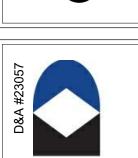
- 1. NO CONDUIT LARGER THAN 1" SHALL BE INSTALLED IN FLOOR SLAB. ALL CONDUITS LARGER THAN 1" SHALL

 7. COVERS SHALL ALLOW 180 DEGREE OPENING WITH TWO LARGE CABLE EGRESS DOORS.
 BE ROUTED BELOW THE FLOOR SLAB.
- COORDINATE INSTALLATION OF FLOOR BOXES WITH GENERAL TRADES AND FLOOR CONSTRUCTION. IN SOME CASES, THE BOX IS DEEPER THAN THE CONCRETE SLAB.
- 3. CUT AND PATCH EXISTING FLOOR SLABS AS REQUIRED TO INSTALL BOX AND CONDUITS.
- ON-GRADE BOXES SHALL INCLUDE A FUSION-BONDED EPOXY PAINT FINISH TO PROTECT AGAINST CORROSION AND SHALL BE RATED FOR ON-GRADE USE.
- 5. COVER FINISH SHALL BE VERIFIED WITH ARCHITECT.
- 6. FLOOR BOXES SHALL BE UL 514A AND SCRUB WATER COMPLIANT.

- 8. PROVIDE NECESSARY DEVICE PLATES INSIDE BOX.
- 9. FLOOR BOXES SHALL BE HUBBELL "SYSTEM ONE" OR EQUAL BY WIREMOLD.
- 10. VERIFY EXACT LOCATION OF FLOOR BOXES WITH ARCHITECT PRIOR TO ROUGH-IN.
- 11. VERIFY COVER STYLE SURFACE OR FLUSH WITH FLOOR FINISH AND ARCHITECT.
- 12. PROVIDE LOCKING COVER FOR FLOOR AND WALL BOXES KEY ALIKE. CONFIRM KEYING WITH OWNER PRIOR TO ORDERING









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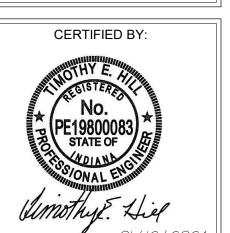
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REVISIONS: Addendum#2 02/02/2024 3 Addendum#3 02/09/2024

ISSUE DATE | DRAWN BY | CHECKED BY 01/15/24 GSR DEW

DRAWING TITLE: ELECTRICAL



DRAWING NUMBER

	1DSLDP		PA	NEI	LBOAF	RD SCHI	EDULE	! !					
LOCATIO	N: ELECTRICAL D140	CCR (AMPS RMS SYMM)): 65,	,000	SERVICE	: 208Y/120V 3Ф 4	-Wire+Ground	AMP:	400 A	MAIN: MCB	NEMA: Type 1	MOUNTING: SUF	RFACE
СКТ	DESCRIPTION	NOTE	AMP	POLE	A	В	С	POLE	AMP N	IOTE	DESCRIPT	ION	СКТ
1	SPACE			1	0/0			1			SPACE		2
3	SPACE			1		0/0		1			SPACE		4
5	SPACE			1			0/0	1			SPACE		6
7					6060 / 0								8
9	PANEL '1ASL1'		100 A	3		6460 / 0		3	60 A		SPARE		10
11							8960 / 0						12
13					10680 / 0								14
15	PANEL '1CSL1'		100 A	3		3160 / 0		3	60 A		SPARE		16
17							5880 / 0						18
19					11822 / 0								20
21	PANEL '1DSL1'		100 A	3		14064 / 0		3	100 A		SPARE		22
23							9490 / 0						24
25	PANEL '1DTL1'				10800 / 0								26
27	UPS		175 A	3		7200 / 0		3	30 A	St	JRGE PROTECTION	DEVICE (SPD)	28
29							7200 / 0						30
				ALS:	39362 VA	30884 VA	31530 VA	<u> </u>					
		INECTED LOAD (VA): 1	01775	VA			L CONNECTED	LOAD	(AMPS) :	282 A			
REMARK		TO CEDIE				NOTES:							
REMOTE	SPD CURRENT TECHNOLOGY	TG3 SERIES.											

	1DSH1			PA		_BUAF	RD SCH	IEDULE						
LOCATIO	N: ELECTRICAL D140	SCCR (AMPS I	RMS SYMM	l): 65	5,000	SERVICE	: 480Y/277V 3Ф	4-Wire+Ground	AMP:	250 A	MAIN: MCB	NEMA: TYPE 1	MOUNTING: SU	JRFACE
СКТ	DESCRIPTIO	N	NOTE	AMP	POLE	Α	В	С	POLE	AMP	NOTE	DESCRIPTI	ON	CH
1	SPACE				1	0/0			1			SPACE		2
3	SPACE				1		0/0		1			SPACE		4
5	SPACE				1			0/0	1			SPACE		6
7	SPARE			20 A	1	0/0			1	20 A		SPARE		8
9	SPARE			20 A	1		0/0		1	20 A		SPARE		10
11	SPARE			20 A	1			0/0	1	20 A		SPARE		1:
13	ELEVATOR (40	LID)				14393 / 0								14
15	ELEVATOR (40 ACCESS B12			125 A	3		14393 / 0		3	60 A		SPARE		10
17	7.00200 2.12	•						14393 / 0						18
19	TDANICEODMED II	1D CI				39362 / 0		_						20
21	TRANSFORMER 'I PANEL '1DSLE			175 A	3		30884 / 0		3	30 A	St	JRGE PROTECTION	DEVICE (SPD)	2:
23								31530 / 0						24
				TO	TALS:	53755 VA	45277 VA	45923 VA	_					
	TOTAL O	ONNECTED LO	AD (VA) :					AL CONNECTE	DLOAD	(AMPS)	: 174 A			
REMARKS		020.22.20	(17.)				NOTES:			(2 0)				

	1DSL1		PA	NE	LBOAF	RD SCHI	EDULE						
LOC	ATION: ELECTRICAL D140	SCCR (AMPS RMS	SYMM): 22	,000	SERVICE	: 208Y/120V 3Ф 4	-Wire+Ground A	MP:	100 A	MA	IN: MLO NEMA: TYPE	MOUNTING: SURFA	CE
СКТ	DESCRIPTION	N	NOTE AMP	POLE	Α	В	С	POLE	AMP	NOTE	DESCRIP	TION	Тскт
1	DOOR HARDWARE D		20 A	1	200 / 500		-	1	20 A	G	WALK-IN COOLER DOOR/L	IGHTS - KITCHEN D108	
3	DOOR OPERATOR D	100, D101	20 A	1		360 / 384		1	20 A	G	WALK-IN COOLER BLOW	ER COILS - KITCHEN	4
5	DOOR OPERATOR D1	105, D110	20 A	1			360 / 180	1	20 A	G	WALK-IN FREEZER HEAT 1	RACE - KITCHEN D108	6
7	DOOR HARDWARE D	105, D110	20 A	1	400 / 500			1	20 A	G	WALK-IN FREEZER DOOR/L	IGHTS - KITCHEN D108	8
9	DOOR OPERATOR D1	106, D130	20 A	1		720 / 1664		2	25 A		FREEZER BLOWER CO	NI KITOLIEN DAGO	10
11	DOOR HARDWARE D106	, D125, D130	20 A	1			600 / 1664]	25 A		FREEZER BLOWER CC	JIL - KITCHEN D100	12
13	TCP MECHANICAL	D110C	20 A	1	1000 / 1976			2	30 A		FREEZER - OUTDOOR	CONDENSING LINIT	14
15	TCP MECHANICAL	D110D	20 A	1		1000 / 1976			30 A		FREEZER - OUTDOOK	CONDENSING UNIT	16
17	TCP STORAGE D	0118	20 A	1			1000 / 1186	2	20 A		COOLER - OUTDOOR (CONDENSING LINIT	18
19	DOOR HARDWARE ELEC	TRICAL D123	20 A	1	2000 / 1186				207		OOOLLIN-OOTBOOK	DONDLING GIVIT	20
21	TCP MECHANICAL	. D123	20 A	1		1000 / 1440		1	15 A		EXHAUST HOOD CONTRO	_S/LIGHTS - KITCHEN	22
23	TCP MECHANICAL		20 A	1			1000 / 600	1	20 A		EXHAUST HOOD (GAS VA		24
25	TCP MECHANICAL	. D123	20 A	1	1000 / 600			1	20 A		EXHAUST HOOD (FIRE SUF		. 26
27	TCP MECHANICAL	. D123	20 A	1		1000 / 1000		1	20 A		EMERGENCY SHUTOFF	MECHANICAL D123	28
29	TCP MECHANICAL		20 A	1			1000 / 0	1	20 A		SPAR	E	30
31	RECEPT MECHANIC		20 A	1	180 / 2080			2	25 A		DS-A/ACCU-A TE	LECOM D139	32
33	RECEPT MECHANIC		20 A	1		180 / 2080			2071		20,4,1000,112	3	34
35	RECEPT D123, D		20 A	1			900 / 0	2	30 A		SPAR	E	36
37	DOOR HARDWARE ELEC		20 A	1	200 / 0								38
39	RECEPT ELECTRICAL D1		20 A	-1		1260 / 0		2	20 A		SPAR	E	40
41	REFRIG. MONITORING SYST		20 A	13			1000 / 0						42
سيد	m,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	munu	TO	مرر TALS : l	11822 VA	14064 VA	9490 VA						
	TOTAL C	ONNECTED LOAD			7.1022 771		L CONNECTED	LOAD (AMPS): 98 A			
REM	IARKS:		, ,			NOTES:				,			
	EGRAL SPD.					G - GFCI TYPE C	IRCUIT BREAK	ER.					
						1							

	1CSL1					RD SCH								
OCAT	ION: ELECTRICAL C125 SCCR (AMPS RI	MS SYMN	l): 22	,000	SERVICE :	: 208Y/120V 3Ф ²	-Wire+Ground	AMP :	100 A	MAII	N: MCB	NEMA: Type 1	MOUNTING: SUR	₹FACE
кт	DESCRIPTION	NOTE	AMP	POLE	A	В	С	POLE	AMP	NOTE		DESCRIP ¹	TION	Ск
1	RECEPT ACTIVITY COMMONS B120	11.0.1	20 A	1	360 / 360	_		1	20 A		RE	CEPT ACTIVITY C		2
3	RECEPT ACCESS B124		20 A	1		180 / 360		1	20 A			RECEPT ELECTI	RICAL C125	
5	CAB LIGHTING ACCESS B124	G	20 A	1			1000 / 360	1	20 A		RE	CEPT ACTIVITY C	OMMONS C220	6
7	RECEPT ELEVATOR B125		20 A	1	180 / 6000			1	20 A		DOC	R HARDWARE 1S	T FLOOR AREA C	8
9	RECEPT ELEVATOR B125		20 A	1		180 / 0		1	20 A			SPARE	Ē	10
11	DOOR OPERATORS B127, B130		20 A	1			360 / 0	1	20 A			SPARE		1:
13	DOOR HARDWARE 1ST FLOOR AREA B		20 A	1	1700 / 0			1	20 A			SPARI	=	1-
15	RECEPT ACTIVITY COMMONS B220		20 A	1		360 / 0		1	20 A			SPARI		1
17	SPARE		20 A	1			0/0	1	20 A			SPARI		18
19	SPARE		20 A	1	0/0			1	20 A			SPARI	=	20
21	SPARE		20 A	1		0/0		1	20 A			SPARI	Ξ	2:
23	DS-A/ACCU-A TECH C126		25 A	2			2080 / 0	1	20 A			SPARI	Ξ	24
25	DS-A/ACCU-A TECH C120		25 A		2080 / 0			1	20 A			SPARE	Ξ	26
27	DS-A/ACCU-A TELECOM C224		25 A	2		2080 / 0		1	20 A			SPARE	Ē	28
29	D3-A/ACCO-A TELECOM 6224		23 A				2080 / 0	1	20 A			SPARE		30
					10000111									
				TALS :	10680 VA	3160 VA	5880 VA	<u> </u>						
	TOTAL CONNECTED LOA	D (VA) :	19720 \	VA			L CONNECTED	LOAD (AMPS)	: 55 A				
R EMAF NTEGF	RKS: RAL SPD.					NOTES: G - GFCI TYPE (CIRCUIT BREAK	ER						

LOCA	TION: ELECTRICAL A135	SCCR (AMPS RMS	SYMM	1): 22	000	SERVICE :	: 208Y/120V 3Ф 4-	Wire+Ground A	MP:	100 A	МАІ	N: MCB N	EMA: Type 1	MOUNTING: SUF	RFACE
	THE REPORT OF THE PROPERTY OF	ocit (ram c ranc	O I IVIIV	i)	000	OEI(VIOE	2001/1201 04 1	Wile Cleana P		10071	1117-4	TT MOD	Ellina: Typo T	inocitrinto: soi	., 102
СКТ	DESCRIPTION		NOTE	AMP	POLE	Α	В	С	POLE	AMP	NOTE		DESCRIP	TION	To
1	DOOR HARDWARE A10	00, A101		20 A	1	720 / 360			1	20 A		DO	OR HARDWAR	E A139, A140	
3	DOOR PANIC A101, A119, A123,	A131, A134, A140		20 A	1		1300 / 360		1	20 A		RECE	PT NW & S ME	CHANICAL D144	
5	RECEPT RECEPTION	I A102		20 A	1			1440 / 360	1	20 A		RECEP	T NE & SW ME	CHANICAL D144	
7	RECEPT OFFICE A	105		20 A	1	360 / 1000			1	20 A		TCP A	IU-1 MECHANI	CAL MEZZ D144	
9	RECEPT NURSE A	106		20 A	1		360 / 1000		1	20 A		TCP A	IU-2 MECHANI	CAL MEZZ D144	
11	REFRIGERATOR EXAM	M A107	G	20 A	1			1000 / 1000	1	20 A		TCP A	HU-3 MECHANI	CAL MEZZ D144	
13	RECEPT ELECTRICAL A135,	TOILET A136		20 A	1	540 / 1000			1	20 A		TCP A	HU-4 MECHANI	CAL MEZZ D144	
15	RECEPT ACTIVITY COMM	IONS A220		20 A	1		360 / 1000		1	20 A		TCP HW S	YSTEM MECH	ANICAL MEZZ D144	
17	SPARE			20 A	1			0 / 1000	1	20 A		BOILER	REMERGENCY	SHUTOFF D144	
19	SPARE			20 A	1	0 / 0			1	20 A			SPARI	=	:
21	SPARE			20 A	1		0/0		1	20 A			SPARE		- 2
23	DC 4/400H 4 TELEOO	NA A 400		05.4	_			2080 / 0	1	20 A			SPARE		
25	DS-A/ACCU-A TELECO	M A128		25 A	2	2080 / 0			1	20 A			SPARE		
27	DC 4/400H 4 TELEOO	NA A 00 4		05.4	_		2080 / 0		1	20 A			SPARE		- 2
29	DS-A/ACCU-A TELECO	M A224		25 A	2			2080 / 0	1	20 A			SPARE		
				TOT	ALS:	6060 VA	6460 VA	8960 VA							
	TOTAL CO	NNECTED LOAD	(VA) : 2	21480 \	/A		TOTAL	CONNECTED	LOAD (AMPS)	: 60 A				
	ARKS:						NOTES:								
INTEC	GRAL SPD.						G - GFCI TYPE C	IRCUIT BREAKE	ER .						

STANDBY

PANELBOARD SCHEDULE 1KL1B SCCR (AMPS RMS SYMM): 22,000 SERVICE: 208Y/120V 3Ф 4-Wire+Ground AMP: 400 A MAIN: MCB NEMA: TYPE 4X MOUNTING: RECESSED LOCATION: KITCHEN D108 DESCRIPTION DESCRIPTION SPARE SPARE CONVECTION OVEN CONTROL - KITCHEN D108 ITEM #20 - COMBI OVEN SHUNT TRIP 1 60 A KITCHEN D108 CONTROL CIRCUIT - MAKEUP AIR UNIT - KITCH.. ITEM #46.1 - SERVING LINE COUNTER DCO SHUNT TRIP ITEM #48.1 - DROP-IN HOT WELL (WEST) ITEM #21 - COMBI OVEN SERVING D107 KITCHEN D108 5278 / 839 ITEM #54.1 - DROP-IN HOT/COLD WELL (WEST) SHUNT TRIP SERVING D107 ITEM #22 - TILTING SKILLET 1 40 A 3 3838 / 360 ITEM #57 - SERVING COUNTER D107 KITCHEN D108 ITEM #48.2 - DROP-IN HOT WELL (EAST) SERVING D107 SHUNT TRIP ITEM #54.2 - DROP-IN HOT/COLD WELL (WEST) ITEM #23 - COMBI OVEN SERVING D107 1 60 A KITCHEN D108 ITEM #49.2 BREATH GUARD - SERV. COUNTER 3 SHUNT TRIP ITEM #44.1 - DROP-IN FROST TOP - SERVING... 0 / 636 ITEM #47.1 BREATH GUARD - SERV. COUNTER 4 ITEM #24 - CONVECTION OVEN ITEM #44.2 - DROP-IN FROST TOP - SERVING... KITCHEN D108 ITEM #47.2 BREATH GUARD - SERV. COUNTER 44 SHUNT TRIP ITEM #56 - DOUBLE-SIDED BREATH GUARD -... ITEM #50 - DROP-IN COLD WELL UNIT - SERV.... ITEM #25 - TILTING SKILLET 1 40 A 3 ITEM #46.2 - SERVING LINE COUNTER DCO KITCHEN D108 SHUNT TRIP SPARE TOTAL CONNECTED LOAD (AMPS): 286 A TOTAL CONNECTED LOAD (VA): 103186 VA

1. PROVIDE SHUNT TRIP BREAKER.

FED FROM FEED-THRU LUGS IN PANEL '1KL1A'. 28-INCH WIDE ENCLOSURE.

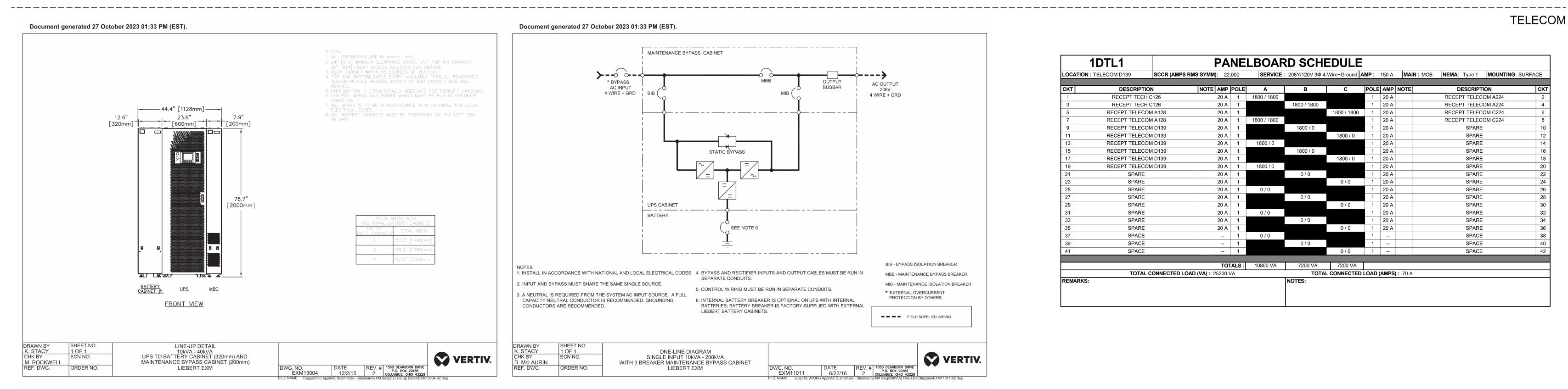
INTEGRAL SPD.

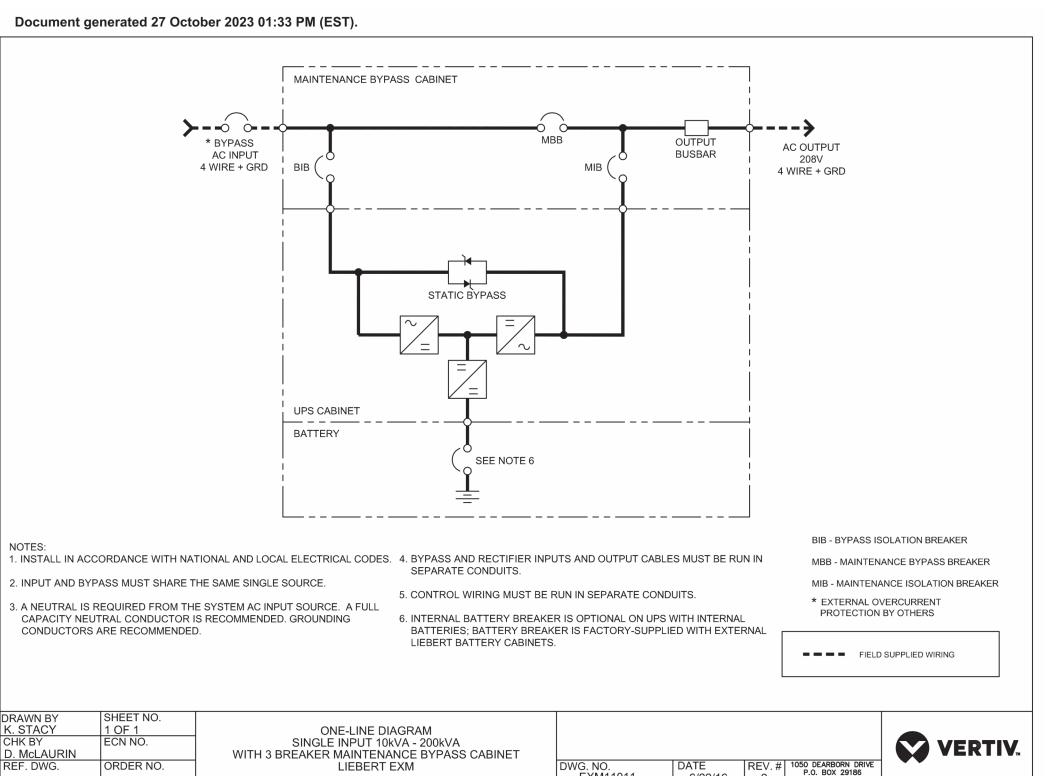
	1KL1A		F	PA	NE	LBOAF	RD SCH	EDULE				
.OCA	TION: KITCHEN D108	SCCR (AMPS RM	S SYMM):	: 22,	,000	SERVICE	: 208Y/120V 3Ф 4	-Wire+Ground	AMP:	400 A	MAIN: MCB NEMA: TYPE 4X MOUNTING: Reces	sed
	PEOGRAPIA	•••	luoze!	4445	DO: =	•			lno: r	-1 4 4 4 7 1 4 4	PER OPERATION	101
CKT	DESCRIPTIO	<u>PN</u>	NOTE			Α	В	С	POLE	AMP NO		СК
1	SPARE		-	20 A	1	0/0			1	20 A	SPARE	2
3	SPARE			20 A	1		0/0		1	20 A	SPARE	4
5	SPARE			20 A	1			0/0	1	20 A	SPARE	6
7	OUTDOOR RECEPT (BY CON			20 A	1	180 / 708			1	20 A	2-DOOR PASS-THRU REFRIG (ITEM 42) - KITCHE.	
9	WASHER - KITCHE	N D108		20 A	1		1488 / 180		1	20 A	NORTH GEN. RECEPT (DR2A) - KITCHEN D108	10
11	DRYER - KITCHEI	N D108		30 A	2			2288 / 816	1	20 A	MILK COOLER (WEST - ITEM 53) - SERVING LINE	12
13	BRIER RITORIE	100		0071	_	2288 / 816		_	1	20 A	MILK COOLER (EAST - ITEM 53) - SERVING LINE	14
15	DRYER BOOSTER EXI	HAUST FAN		20 A	1		850 / 180		1	20 A	EAST GEN. RECEPT (DR1A) - DRY STORAGE	16
17	JANITOR RECEPT - KIT	CHEN D108		20 A	1			180 / 811	_ 2	20 A	WEST HEATED CABINET (ITEM #41) - KITCHEN	18
19	RECEPTS - OFFICI	E D110B		20 A	1	720 / 811			_	20 A	D108	20
21	RECEPTS - LOCKERS/RESTF	ROOM - KITCHEN		20 A	1		720 / 811		0	00.4	EAST HEATED CABINET (ITEM #41) - KITCHEN	22
23	WEST ISLAND - CIRC. #1 -	KITCHEN D108		20 A	1			540 / 811	2	20 A	D108	24
25	WEST ISLAND - CIRC. #2 -	KITCHEN D108		20 A	1	540 / 456			1	20 A	1-DOOR PASS-THRU REFRIG. (ITEM 43)	26
27							2288 / 540		1	20 A	MOTORIZED DOOR (DISHWASH) - KITCHEN D108	3 28
29	WEST ISLAND - CIRC. #3 -	KITCHEN D108		30 A	2			2288 / 540	1	20 A	MOTORIZED DOOR - SERVING D107	30
31	EAST ISLAND - CIRC. #1 -	KITCHEN D108		20 A	1	540 / 600			1	20 A	EXHAUST FAN (EF-K2) - KITCHEN RESTROOM	32
33	EAST ISLAND - CIRC. #2 -	KITCHEN D108		20 A	1		540 / 864		1	20 A	EXHAUST FAN (KEF-33) - DISHMACHINE	34
35								2288 / 180	1	20 A	RECEPTACLE AT MAKEUP AIR UNIT - ROOF	36
37	EAST ISLAND - CIRC. #3 -	KITCHEN D108		30 A	2	2288 / 0			1	20 A	SPARE	38
39							811 / 0		1	20 A	SPARE	40
41	ICE MAKER (ITEM #25) - I	KITCHEN D108		20 A	2		011,70	811 / 0	1	20 A	SPARE	42
43						720 / 0		01170	1	20 A	SPARE	44
45	GARBAGE DISPOSER (E			20 A	3	72070	720 / 0		1	20 A	SPARE	46
47	KITCHEN D1	08					12070	720 / 0				48
49						720 / 0		12070	2	20 A	SPARE	50
51	GARBAGE DISPOSER (DISH)	WASH) - KITCHEN		20 A	3	,,	720 / 0					52
53	D108						1.20, 0	720 / 0	2	30 A	SPARE	54
				тот	ALS:	46402 VA	44988 VA	46888 VA				
	TOTAL (CONNECTED LOAD	(VA): 13	38277	VA		TOTA	L CONNECTED	LOAD	(AMPS): 3	84 A	
REMA	ARKS:		` '				NOTES:			<u>, , </u>		
EED.	-THRU LUGS TO PANEL '1KL1E	'. INTEGRAL SPD. 2	28-INCH W	VIDE E	ENCLO	SURE.						

LOCA	FION: KITCHEN D108 SCCR (AMPS F	RMS SYMM): 6	5,000	SERVICE	: 480Y/277V 3Ф 4	-Wire+Ground	AMP:	225 A	MAIN: MCB	NEMA: TYPE 4X MOUNTING	: RECESSED
скт	DESCRIPTION	NOTE AM	D DOLE	Α	В	С	IDOL E	AMP	NOTE	DESCRIPTION	СК
1	LIGHTING	20 /	_	1704 / 0	В	U	1	20 A	NOTE	SPARE	2
3	SPARE	20 /		170170	0 / 0		1	20 A		SPARE	4
5	SPARE	20 /			0,70	0/0	1	20 A		SPARE	6
7	SPARE	20 /		0/0			1	20 A		SPARE	8
9	SPARE	20 /			0/0		1	20 A		SPARE	10
11	SPARE	20 /	A 1			0/0	1	20 A		SPARE	12
13	SPARE	20 /	A 1	0/0			1	20 A		SPARE	14
15	SPARE	20 /	A 1		0/0		1	20 A		SPARE	16
17	SPARE	20 /	A 1			0/0	1	20 A		SPARE	18
19				0/0			1			SPACE	20
21	SPARE	20 /	3		0/0		1			SPACE	22
23						0/0	1			SPACE	24
25	MITCHEN EVALABLET HOOD EVALABLET FAN			3571 / 0			1			SPACE	26
27	KITCHEN EXHAUST HOOD EXHAUST FAN KITCHEN D108	20 /	3		3571 / 0		1			SPACE	28
29	TATOTIEN BIOG					3571 / 0	1			SPACE	30
31	IZITOLIENI MAIZELID AID LINIT (MALL OC)			2353 / 0			1			SPACE	32
33	KITCHEN MAKEUP AIR UNIT (MAU-26) KITCHEN D108	15 /	3		2353 / 0		1			SPACE	34
35					_	2353 / 0	1			SPACE	36
37	DISH MACHINE BLOWER DRYER			4346 / 18822						DISH MACHINE	38
39	KITCHEN D108	20 /	3		4346 / 18822		3	90 A		KITCHEN D108	40
41						4346 / 18822					42
		Т/	OTALS :	30796 VA	29092 VA	29092 VA	ı				
	TOTAL CONNECTED LO	-		30796 VA		L CONNECTED		(AMDC)	. 107 A		
	TOTAL CONNECTED LO	AD (VA) . 00978	, vA		NOTES:	IL CONNECTED	LUAD	(AIVIPS)	. 107 A		

KITCHEN

TELECOM





LOCATION	N: TELECOM D139	SCCR (AMPS RMS	SYMM):	22,00	00	SERVICE	: 208Y/120V 3Ф 4	-Wire+Ground A	MP:	150 A	MAII	N: MCB NEMA: Type 1 MOUNTING: S	URFACE
скт	DESCRIPTION	1,	NOTE A	MP PC	OLE	Α	В	С	POL F	AMP	NOTE	DESCRIPTION	СК
1	RECEPT TECH C12			_	1	1800 / 1800		ū	1	20 A		RECEPT TELECOM A224	2
3	RECEPT TECH C1:	-		-	1		1800 / 1800		1	20 A		RECEPT TELECOM A224	4
5	RECEPT TELECOM A	\128	2	0 A	1			1800 / 1800	1	20 A		RECEPT TELECOM C224	6
7	RECEPT TELECOM A	A128	2	0 A	1	1800 / 1800			1	20 A		RECEPT TELECOM C224	8
9	RECEPT TELECOM D	D139	2	0 A	1		1800 / 0		1	20 A		SPARE	10
11	RECEPT TELECOM D	D139	2	0 A	1			1800 / 0	1	20 A		SPARE	12
13	RECEPT TELECOM D	0139	2	0 A	1	1800 / 0			1	20 A		SPARE	14
15	RECEPT TELECOM D	D139	2	0 A	1		1800 / 0		1	20 A		SPARE	10
17	RECEPT TELECOM [0139	2	0 A	1			1800 / 0	1	20 A		SPARE	18
19	RECEPT TELECOM D	0139	2	0 A	1	1800 / 0			1	20 A		SPARE	2
21	SPARE		2	0 A	1		0/0		1	20 A		SPARE	2:
23	SPARE		2	0 A	1			0/0	1	20 A		SPARE	24
25	SPARE		2	0 A	1	0/0			1	20 A		SPARE	20
27	SPARE		2	0 A	1		0/0		1	20 A		SPARE	28
29	SPARE		2	0 A	1			0/0	1	20 A		SPARE	30
31	SPARE		2	0 A	1	0/0			1	20 A		SPARE	3
33	SPARE		2	0 A	1		0/0		1	20 A		SPARE	34
35	SPARE		2	0 A	1			0/0	1	20 A		SPARE	30
37	SPACE				1	0/0			1			SPACE	38
39	SPACE				1		0/0		1			SPACE	40
41	SPACE				1			0/0	1			SPACE	4:
				TOTAL	e .	10800 VA	7200 VA	7200 VA					
	TOTAL CO	NNECTED LOAD (V				10800 VA		L CONNECTED	I OAD	(AMPS)	· 70 Δ		
REMARKS		INICOTED EGAD (7A) . 202	-00 VA			NOTES:	E COMMEDIED		(Airii O)	. 101		

Hamilton Southeastern Schools



EASTERN SCHOOLS
ENOVATIONS TO
LEMENTARY
100L
3, Fishers, IN 46038 HAMILTON SOUTHEA
ADDITIONS & REN
FISHERS ELE
SCHC

SCOPE DRAWINGS: These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

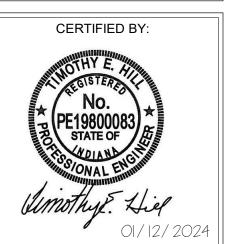
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS: Addendum#2 02/02/2024 Addendum#3 02/09/2024

ISSUE DATE DRAWN BY CHECKED BY 01/15/24 GSR DEW

DRAWING TITLE: SCHEDULES -



DRAWING NUMBER E612

	1DH1			PA		-DUA	RD SCH		•						
LOCA	ATION: ELECTRICAL D140	CCR (AMPS RMS	SYMM)): 65,	000	SERVICE	: 480Y/277V 3Ф 4-	-Wire+Ground	AMP:	225 A	MAIN:	MCB N	MA: TYPE 1	MOUNTING: SURF	ACE
СКТ	DESCRIPTION		NOTE	AMP	POLE	Α	В	С	POLE	AMP N	NOTE		DESCRIPT	ION	СКТ
1	LIGHTING CAFETERIA			20 A	1	2236 / 0	_		1	20 A			SPARE		2
3	LTG D (110A, 103-105, 135, 100, 12	6-128, 130, 131)		20 A	1		1284 / 0		1	20 A			SPARE		4
5	LIGHTING D118-D12	3		20 A	1			1355 / 0	1	20 A			SPARE		6
7	LIGHTING GYMNASIUM	D125		20 A	1	1528 / 0			1	20 A			SPARE		8
9	LIGHTING GYMNASIUM	D125		20 A	1		1528 / 0		1	20 A			SPARE		10
11	LIGHTING SE PARKII	NG .		20 A	1			714 / 0	1	20 A			SPARE		12
13	LTG POLES NEAR BLDG, BLDG M	TD, FLAG, SIGN		20 A	1	1472 / 0			1	20 A			SPARE		14
15	LIGHTING WEST PARK	ING		20 A	1		1964 / 0		1	20 A			SPARE		16
17	LIGHTING NE PARKII	NG		20 A	1			1302 / 0	1	20 A			SPARE		18
19	SPARE			20 A	1	0/0			1	20 A			SPARE		20
21	SPARE			20 A	1		0/0		1	20 A			SPARE		22
23	SPARE			20 A	1			0/0	1	20 A			SPARE		24
25	SPARE			20 A	1	0 / 7616							~~~~~	1	26
27	SPARE			20 A	1		0 / 8092		3	125 A		(IRAI	ISFORMER 'T- PANELBOARI		28
29	SPARE			20 A	1			0 / 8236				کس	تتستثثث		30
				TOT	ALS :	12852 VA	12868 VA	11607 VA							
		INECTED LOAD (VA) : 3	7327 V	Ά			L CONNECTED	LOAD (AMPS) :	45 A				
	ARKS: GRAL SPD.						NOTES:								

	1CH1		PA	NE	LBOAF	RD SCH	EDULE								
LOCA	ATION : ELECTRICAL C125 SCCR (AMPS RI	IS SYMN	l): 65	,000	SERVICE	: 480Y/277V 3Ф 4	I-Wire+Ground	AMP:	225 A	MAII	N: MCB	NEMA:	Type 1	MOUNTING: SU	RFACE
СКТ	DESCRIPTION	INOTE	LAMD	POLE	A	В	С	IDOL E	AMP	NOTE		DE	SCRIPT	FION	СКТ
	LIGHTING B102-B103. B106. B108-B110	INOTE	_			В	C	POLE		NOTE	110				
1			20 A	1	1960 / 1960	4700 / 4700		1	20 A					C106, C108-C110	2
3	LIGHTING B112, B114-B116, B118		20 A	1		1700 / 1760	0005 / 4074	1	20 A					14-C116, C118	4
5	LIGHTING B111, B120, TOILETS B		20 A	1			2005 / 1971	1	20 A		L	IGHTING C		20, TOILETS C	6
7	LIGHTING B122, B123, B126, B127, C122-C124,		20 A	1	1769 / 0			1	20 A				SPARE		8
9	SPARE		20 A	1		0/0		1	20 A				SPARE		10
11	SPARE		20 A	1			0/0	1	20 A				SPARE		12
13	SPARE		20 A	1	0/0			1	20 A				SPARE	Ē	14
15	SPARE		20 A	1		0/0		1	20 A				SPARE	Ī	16
17	SPARE		20 A	1			0/0	1	20 A				SPARE	<u> </u>	18
19	SPARE		20 A	1	0/0			1	20 A				SPARE	<u> </u>	20
21	SPARE		20 A	1		0/0		1	20 A				SPARE	Ī	22
23	SPARE		20 A	1			0/0	1	20 A				SPARE		24
25	SPARE		20 A	1	0 / 22420										26
27	SPARE		20 A	1		0 / 16760		3	175 A		٦			1C' (112.5 kVA)	28
29	SPARE		20 A	1			0 / 17506					PANELI	BOARD	'1CDPL1'	30
			_ ,												
			TO	ΓALS :	28109 VA	20220 VA	21481 VA								
	TOTAL CONNECTED LOAI) (VA) : (69810	√A		TOTA	L CONNECTED	LOAD	(AMPS)	: 84 A					
REMA	ARKS:					NOTES:			,						
INTE	GRAL SPD.														

	1AH1		Р	ANI	ELBOA	RD SCH	EDULE									
LOCA	ATION: ELECTRICAL A135	SCCR (AMPS RM	S SYMM):	65,000	SERVIC	Е : 480Y/277V 3Ф 4	4-Wire+Ground	MP:	225 A	MAIN	: MCB	NEMA:	Type 1	MOU	NTING: SU	JRFACE
СКТ	DESCRIPTION		NOTE A	MP POL	E A	В	Гс	POLE	AMP	NOTE			DESCRIPT	TION		СКТ
1	LIGHTING ROOM A100, A148) A 1	1409 / 0			1	20 A				SPARE			2
3	LIGHTING ROOM A101-A110, A	112-A113, A120	20) A 1		1760 / 0		1	20 A				SPARE			4
5	LIGHTING ROOM A117-A119, A	121-A123, A126	20) A 1			1540 / 0	1	20 A				SPARE			6
7	LIGHTING ROOM A127, A131-A	134, A136-A137	20) A 1	1530 / 0			1	20 A				SPARE			8
9	LIGHTING CORRIDORS UNI	IT-A NORTH	20) A 1		475 / 0		1	20 A				SPARE			10
11	LIGHTING ROOM A141, A	143-A147	20) A 1			1357 / 0	1	20 A				SPARE			12
13	LIGHTING ROOM A151-A155	5, C128-C129	20) A 1	1461 / 0			1	20 A				SPARE			14
15	SPARE		20) A 1		0/0		1	20 A				SPARE			16
17	SPARE		20) A 1			0/0	1	20 A				SPARE	Ξ		18
19	SPARE		20) A 1	0/0			1	20 A				SPARE	E		20
21	SPARE		20) A 1		0/0		1	20 A				SPARE	<u> </u>		22
23	SPARE		20) A 1			0/0	1	20 A				SPARE	<u> </u>		24
25	SPARE		20) A 1	0 / 32394											26
27	SPARE		20) A 1		0 / 35380		3	175 A		TF		RMER 'T-1 BOARD '1			28
29	SPARE		20) A 1			0 / 32434					FAINLL	BOARD II	ALI, 12	1LZ	30
			,	TOTALS	: 36794 VA	37615 VA	35331 VA									
	TOTAL CO	NNECTED LOAD	(VA) : 109	740 VA		TOTA	AL CONNECTED	LOAD	(AMPS): 132 A						
REMA				•		NOTES:					_	•				
INTEC	GRAL SPD.															

LOCATIO	1BL1 N: ELECTRICAL C125 SCCR (AMPS)	RMS SYMM): 22		LBOAF	: 208Y/120V 3Φ 4			225 A MAIN	I: MLO NEMA: Type 1 MOUNTING: SUR	FACE
СКТ	DESCRIPTION	NOTE AMP		Α	В	С	POLE	AMP NOTE	DESCRIPTION	СК
1	RECEPT LEARNING STUDIO B102	20 A	1	720 / 1080		-	1	20 A	RECEPT ROOM B115, B116	2
3	RECEPT LEARNING STUDIO B102	20 A	1		540 / 900		1	20 A	RECEPT LEARNING STUDIO B118	4
5	PROJ. LEARNING STUDIO B102	20 A	1			1220 / 540	1	20 A	RECEPT LEARNING STUDIO B118	6
7	RECEPT ROOM B103, B104	20 A	1	1080 / 1220			1	20 A	PROJ. LEARNING STUDIO B118	8
9	RECEPT LEARNING STUDIO B106	20 A	1		540 / 360		1	20 A	RECEPT ACTIVITY COMMONS B120	10
11	RECEPT LEARNING STUDIO B106	20 A	1			720 / 900	1	20 A	RECEPT ACTIVITY COMMONS B120	12
13	PROJ. LEARNING STUDIO B106	20 A	1	1220 / 180			1	20 A G	EWC ACTIVITY COMMONS B120	14
15	RECEPT LEARNING STUDIO B108	20 A	1		540 / 180		1	20 A G	EWC ACTIVITY COMMONS B120	16
17	RECEPT LEARNING STUDIO B108	20 A	1			720 / 720	1	20 A	RECEPT ROOM B120, B123	18
19	PROJ. LEARNING STUDIO B108	20 A	1	860 / 900			1	20 A	RECEPT OUTDOOR COURTYARD B121	20
21	RECEPT ROOM B109, B110	20 A	1		1080 / 1080		1	20 A	RECEPT LEARNING STUDIO B122	22
23	RECEPT STEM STORAGE B111	20 A	1			540 / 540	1	20 A	RECEPT LEARNING STUDIO B122	24
25	RECEPT STEM STORAGE B111	20 A	1	360 / 860			1	20 A	PROJ. LEARNING STUDIO B122	20
27	RECEPT LEARNING STUDIO B112	20 A	1		720 / 540		1	20 A	RECEPT WORK ROOM B126	28
29	RECEPT LEARNING STUDIO B112	20 A	1			540 / 900	1	20 A	RECEPT WORK ROOM B126	30
31	PROJ. LEARNING STUDIO B112	20 A	1	860 / 360			1	20 A	COPIER WORK ROOM B126	32
33	RECEPT LEARNING STUDIO B114	20 A	1		540 / 540		1	20 A	RECEPT ROOM B127, B130	34
35	PROJ. LEARNING STUDIO B114	20 A	1			1220 / 0	1	20 A	SPARE	36
37	RECEPT LEARNING STUDIO B114	20 A	1	720 / 0			1	20 A	SPARE	38
39	VAV TRANSFORMER - AREA B	20 A	1		1000 / 0		1	20 A	SPARE	40
41	CUH-B VESTIBULE B130	20 A	1			526 / 0	1	20 A	SPARE	42
43	SPARE	20 A	1	0/0			1	20 A	SPARE	44
45	SPARE	20 A	1		0/0		1	20 A	SPARE	46
47	SPARE	20 A	1			0/0	1	20 A	SPARE	48
49	SPARE	20 A	1	0/0			1	20 A	SPARE	50
51	SPARE	20 A	1		0/0		1	20 A	SPARE	52
53	SPARE	20 A	1			0/0	1	20 A	SPARE	5-
55	SPARE	20 A	1	0/0			1	20 A	SPARE	50
57	SPARE	20 A	1		0/0		_ 1	20 A	SPARE	58
59	SPARE	20 A	1			0/0	1	20 A	SPARE	60
			TALS :	10420 VA	8560 VA	9086 VA				
	TOTAL CONNECTED LO	AD (VA): 28066	VA		TOTA	L CONNECTED	LOAD	(AMPS): 78 A		

PANELBOARD SCHEDULE

444 / 0

20 A 1 0 / 0
20 A 1

20 A 1 20 A 1

DESCRIPTION RECEPT MENS D104

RECEPT WOMENS D103 RECEPT CORRIDOR D105

RECEPT CORRIDOR D105

RECEPT ROOM D100, D135

RECEPT ROOM D110A, D105, D110, D145

PUH-B 1/20HP ELECTRICAL D140

EF-RMS E. 3/4HP ROOFTOP

SPARE

SPARE

CAFETERIA D106

RECEPT CAFETERIA D106

RECEPT VESTIBULE D130

RECEPT VESTIBULE D110 SPARE

SPARE

SPARE

SPARE

SPARE SPARE

SPARE

REMARKS: INTEGRAL SPD.

TOTAL CONNECTED LOAD (VA): 23944 VA

LOCATION: ELECTRICAL D140 SCCR (AMPS RMS SYMM): 22,000 SERVICE: 208Y/120V 3Φ 4-Wire+Ground AMP: 225 A MAIN: MCB NEMA: Type 1 MOUNTING: SURFACE

444 / 1748

TOTALS: 7616 VA 8092 VA 8236 VA

444 / 360

TOTAL CONNECTED LOAD (AMPS): 66 A

DESCRIPTION

RECEPT ROOM D106, D130 RECEPT CAFETERIA D106

RECEPT CAFETERIA D106

RECEPT CAFETERIA D106

CUH-B VESTIBULE D101

DS-B/ACCU-B DRY STORAGE D111

RECEPT BUILDING STORAGE D122

SPARE

SPARE SPARE

RECEPT TELECOM D139

RECEPT TELECOM D139

RECEPT TELECOM D139

RECEPT TELECOM D139

SPARE

SPARE

SPARE

SPARE SPARE SPARE SPARE SPARE

PUH-B 1/20HP D110A, D145

00 A TI						RD SCH							
.OCATI	ON: ELECTRICAL A135 SCCR (AMPS R	MS SYMM) : 22	,000	SERVICE	: 208Y/120V 3Ф 4	-Wire+Ground A	MP:	400 A	MAIN	N: MCB NEMA: Type 1	MOUNTING: SURF	ACE
кт	DESCRIPTION	NOTE	AMP	POLE	A	В	С	POLE	AMP	NOTE	DESCRIPTIO	DN .	СКТ
1	RECEPT NURSE A106		20 A	1	540 / 900			1	20 A		RECEPT WORK RO	OM A151	2
3	RECEPT NURSE A106		20 A	1		900 / 1260		1	20 A		RECEPT MEDIA OFFICE/ CC	NFERENCE A152	4
5	RECEPT EXAM A107		20 A	1			1360 / 1620	1	20 A		RECEPT OFFICE	C129	6
7	RECEPT ROOM A139, A140		20 A	1	360 / 1040			1	20 A		PROJ. MUSIC STUI	DIO A153	8
9	RECEPT ROOM A139, A143		20 A	1		720 / 720		1	20 A		RECEPT MUSIC STU	JDIO A153	10
11	RECEPT ART STUDIO A141		20 A	1			2000 / 900	1	20 A		RECEPT MUSIC STU	JDIO A153	12
13	RECEPT ART STUDIO A141		20 A	1	540 / 900			1	20 A		RECEPT ROOM A153,	A154, A155	14
15	RECEPT ART STUDIO A141		20 A	1		2180 / 360		1	20 A		SOUND RACK STOR	AGE A155	16
17	RECEPT ART STUDIO A141		20 A	1			540 / 360	1	20 A		RECEPT CORRIDO	OR B128	18
19	PROJ. ART STUDIO A141		20 A	1	1220 / 1000			1	20 A		VAV TRANSFORMER	- AREA A	20
21	RECEPT OUTDOOR COURTYARD A142		20 A	1		720 / 1000		1	20 A		VAV TRANSFORMER	R - AREA A	22
23							4798 / 1000	1	20 A		PROJ. DISCOVERY CE	ENTER A148	24
25	KILN A144		50 A	3	4798 / 500			1	20 A		PROJECTOR PAN S	TAIR S205	26
27						4798 / 1260		1	20 A		RECEPT DISCOVERY C	ENTER A148	28
29	KILN CONTROL PANEL KILN A144		20 A	1			500 / 1080	1	20 A		RECEPT DISCOVERY C	ENTER A148	30
31	RECEPT KILN A144		20 A	1	540 / 1080			1	20 A		RECEPT DISCOVERY C	ENTER A148	32
33	RECEPT GREEN ROOM A145		20 A	1		900 / 900		1	20 A		RECEPT DISCOVERY C	ENTER A148	34
35	RECEPT AUDIO ROOM A146		20 A	1			900 / 1500	1	20 A		MOTORIZED SHAD	ES A148	36
37					0 / 1000			1	20 A		MOTORIZED SHAD	ES A148	38
39	SPARE		50 A	3		0 / 1000		1	20 A		MOTORIZED SHAD	ES A148	40
41							0 / 720	1	20 A		RECEPT ROOM A100,	A100A, A148	42
43	SPARE		20 A	1	0 / 540			1	20 A		RECEPT SECURE VES	TIBULE A100	44
45	SPARE		20 A	1		0 / 1260		1	20 A		RECEPT OFFICE	A100A	46
47	SPARE		20 A	1			0 / 700	1	20 A		CUH-D VESTIBUL	E A100	48
49	SPARE		20 A	1	0 / 700			1	20 A		CUH-C VESTIBUL	E A140	50
51	SPARE		20 A	1		0/0		1	20 A		SPARE		52
53	SPARE		20 A	1			0/0	1	20 A		SPARE		54
					45050.)/4	1 47070.14	47070.1/4						
				TALS :	15658 VA	17978 VA	17978 VA	<u> </u>					
	TOTAL CONNECTED LOA	עט (VA) : 5	o1614 \	VA			L CONNECTED	LOAD	(AMPS): 143 A	1		
NTEGR	AL SPD.					NOTES:							

KT	DESCRIPTION AIR HANDLING UNIT (SUPPLY FAN - 10) STORAGE D11 AIR HANDLING UNIT (SUPPLY FAN - 7.5) MECHANICAL D1 AIR HANDLING UNIT (SUPPLY FAN - 7.5) MECHANICAL D1	(AHU-6) HP 8 8 AHU-5N) 5HP		A 3	A 3878 / 9418 3047 / 9418	В 3878 / 9418	Wire+Ground A C 3878 / 9418		225 A AMP 70 A	MAIN :	MCB NEMA: Type 1 DESCRIPTI CHILLED WATER PUN 25HP		CKT 2
1 3 5 7 9 11 13 15	AIR HANDLING UNIT SUPPLY FAN - 10 STORAGE D11 AIR HANDLING UNIT (SUPPLY FAN - 7.5 MECHANICAL D1 AIR HANDLING UNIT (SUPPLY FAN - 7.5	(AHU-6) HP 8 8 AHU-5N) 5HP	25	A 3	3878 / 9418	_				NOTE	CHILLED WATER PUM		2
1 3 5 7 9 11 13 15	AIR HANDLING UNIT SUPPLY FAN - 10 STORAGE D11 AIR HANDLING UNIT (SUPPLY FAN - 7.5 MECHANICAL D1 AIR HANDLING UNIT (SUPPLY FAN - 7.5	(AHU-6) HP 8 8 AHU-5N) 5HP	25	A 3	3878 / 9418	_				NOTE	CHILLED WATER PUM		2
3 5 7 9 11 13 15	SUPPLY FAN - 10 STORAGE D11 AIR HANDLING UNIT (A SUPPLY FAN - 7.5 MECHANICAL D1 AIR HANDLING UNIT (A SUPPLY FAN - 7.5	AHU-5N) 5HP 10C				3878 / 9418	3878 / 9418	3	70 A			MP (CHWP-AA)	-
5 7 9 11 13 15	STORAGE D11 AIR HANDLING UNIT (A. SUPPLY FAN - 7.5 MECHANICAL D1 AIR HANDLING UNIT (A. SUPPLY FAN - 7.5	8 AHU-5N) 5HP 10C			3047 / 9418	3878 / 9418	3878 / 9418	3	70 A				1 4
7 9 11 13 15	AIR HANDLING UNIT (SUPPLY FAN - 7.5 MECHANICAL D1 AIR HANDLING UNIT (SUPPLY FAN - 7.5	AHU-5N) 5HP 10C	20	A 3	3047 / 9418		3878 / 9418	_			MECHANICAL	D123	4
9 1 3 5 7	SUPPLY FAN - 7.5 MECHANICAL D1 AIR HANDLING UNIT (A SUPPLY FAN - 7.5	5HP 10C	20	A 3	3047 / 9418		001010110				WEOTANICAL		6
13 15 17	MECHANICAL D1 AIR HANDLING UNIT (SUPPLY FAN - 7.5	10C	20	A 3							CHILLED WATER PUN	MP (CHWP-A2)	8
13 15 17	AIR HANDLING UNIT (SUPPLY FAN - 7.5					3047 / 9418		3	70 A		25HP MECHANICAL	D123	10
15 17	SUPPLY FAN - 7.5	AHU-5S)					3047 / 9418				WEGIANICAL		12
17					3047 / 0								14
	MILCHAMICAL DI		20	A 3		3047 / 0		3	70 A		SPARE		16
10		100					3047 / 0						18
					0/0			1	20 A		SPARE		20
21	SPARE		20	A 3		0/0		1	20 A		SPARE		22
23							0/0	1	20 A		SPARE		24
25	SPARE		20		0/0			1	20 A		SPARE		26
27	SPARE		20			0/0		1	20 A		SPARE		28
29	SPARE		20				0/0	1	20 A		SPARE		30
31	SPARE		20		0/0			1	20 A		SPARE		32
33	SPARE		20			0/0		1	20 A		SPARE		34
35	SPARE		20	A 1			0/0	1	20 A		SPARE		36
37	SPACE			- 1	0/0			1			SPACE		38
39	SPACE			- 1		0/0		1			SPACE		40
11	SPACE			- 1			0/0	1			SPACE		42
				OTALS :	00000 \/A	00000 \/A	00000 1/4	1					
	TOTAL CO	ONNECTED LOAD (VA)		• • .	28808 VA	28808 VA	28808 VA CONNECTED	LOAD	(AMDC)	. 104 A			
EMARKS:	TOTAL CO	DINIECTED LOAD (VA)	. 0042	24 VA		NOTES:	CONNECTED	LUAD	(AIVIPS)	. 104 A			
TEGRAL SPD						NOTES.							
	•												

	1CL1			PA	NE	LBOAF	RD SCH	EDULE								
LOCATIO	N: ELECTRICAL C125	SCCR (AMPS F	RMS SYMM): 22	,000	SERVICE :	: 208Y/120V 3Ф 4	-Wire+Ground	AMP:	225 A	MAIN	I: MLO	NEMA: T	ype 1	MOUNTING:	SURFACE
СКТ	DESCRIPTION	N	NOTE	AMP	POLE	Α	В	С	POL	E AMP	NOTE		DES	CRIPT	TION	СКТ
1	RECEPT LEARNINGSTU	JDIO C102		20 A	1	540 / 1080			1	20 A			RECEPT F	OOM (C115, C116	2
3	RECEPT LEARNING STU	UDIO C102		20 A	1		900 / 540		1	20 A		RE	ECEPT LEA	RNING	STUDIO C118	4
5	PROJ. LEARNING STU	DIO C102		20 A	1			1220 / 720	1	20 A		RE	ECEPT LEA	RNING	STUDIO C118	6
7	RECEPT ROOM C103	3, C104		20 A	1	1080 / 1220			1	20 A		F	ROJ. LEAR	NING S	STUDIO C118	8
9	RECEPT LEARNING STU	UDIO C106		20 A	1		720 / 360		1	20 A		RE	CEPT ACTI	/ITY C	OMMONS C120) 10
11	RECEPT LEARNING STU	UDIO C106		20 A	1			540 / 720	1	20 A		RE	CEPT ACTI	/ITY C	OMMONS C120) 12
13	PROJ. LEARNING STU	DIO C106		20 A	1	1220 / 180			1	20 A	G	Е	WC ACTIVI	TY COI	MMONS C120	14
15	RECEPT LEARNING STU	UDIO C108		20 A	1		720 / 180		1	20 A	G	Е	WC ACTIVI	TY COI	MMONS C120	16
17	RECEPT LEARNING STU	UDIO C108		20 A	1			540 / 900	1	20 A		RE	CEPT ACTI	/ITY C	OMMONS C120) 18
19	PROJ. LEARNING STU	DIO C108		20 A	1	860 / 900			1	20 A		RECI	EPT OUTDO	OR CO	DURTYARD C1:	21 20
21	RECEPT ROOM C109	9, C110		20 A	1		1080 / 540		1	20 A		RE	ECEPT LEA	RNING	STUDIO C122	22
23	RECEPT STEM STORA	AGE C111		20 A	1			360 / 540	1	20 A		RE	ECEPT LEA	RNING	STUDIO C122	24
25	RECEPT STEM STORA	AGE C111		20 A	1	540 / 860			1	20 A		F	ROJ. LEAR	NING S	STUDIO C122	26
27	RECEPT LEARNING STU	UDIO C112		20 A	1		540 / 360		1	20 A			RECEPT F	OOM (C123, C124	28
29	RECEPT LEARNING STU	UDIO C112		20 A	1			720 / 1080	1	20 A			RECEF	T TEC	H C126	30
31	PROJ. LEARNING STU	DIO C112		20 A	1	860 / 720			1	20 A			RECEF	T TEC	H C126	32
33	RECEPT LEARNING STU	UDIO C114		20 A	1		720 / 540		1	20 A			RECEP	ΓOFFI	CE C127	34
35	RECEPT LEARNING STU	UDIO C114		20 A	1			540 / 540	1	20 A			RECEP.	ΓOFFI	CE C127	36
37	PROJ. LEARNING STU	DIO C114		20 A	1	1220 / 720			1	20 A			RECEP	ΓOFFI	CE C127	38
39	SPARE			20 A	1		0 / 1000		1	20 A		\	VAV TRANS	FORM	ER - AREA C	40
41	SPARE			20 A	1			0/0	1	20 A				SPARE		42
43	SPARE			20 A	1	0/0			1	20 A				SPARE	-	44
45	SPARE			20 A	1		0/0		1	20 A				SPARE		46
47	SPARE			20 A	1			0/0	1	20 A				SPARE	Ī	48
49	SPARE			20 A	1	0/0			1	20 A				SPARE	=	50
51	SPARE			20 A	1		0/0		1	20 A				SPARE		52
53	SPARE			20 A	1			0/0	1	20 A				SPARE	Ī	54
55	SPARE			20 A	1	0/0			1	20 A				SPARE		56
57	SPARE			20 A	1		0/0		1	20 A				SPARE		58
59	SPARE			20 A	1			0/0	1	20 A				SPARE		60
				TO	ΓALS :	12000 VA	8200 VA	8420 VA								
	TOTAL C	ONNECTED LO	AD (VA) : 2				!	L CONNECTED	LOAD	(AMPS)	: 79 A					
REMARK 28-INCH			, ,				NOTES: G - GFCI CIRCU			,						

	1AL1		P	14	NΕ	LBOAF	RD SCH	EDULE					
LOC	ATION: ELECTRICAL A135 SCCR (AMP	S RMS S	YMM):	22,0	000	SERVICE	: 208Y/120V 3Ф ²	I-Wire+Ground A	MP:	400 A	MAI	N: MCB NEMA: Type 1 MOUNTING: SURF	FACE
СКТ	DESCRIPTION	N	OTE AN	1P F	POLE	A	В	С	POLE	AMP	NOTE	DESCRIPTION	CI
1	RECEPT STAFF LOUNGE A123		20	-	1	1080 / 540			1	20 A		RECEPT WORK ROOM A126	
3	VENDING STAFF LOUNGE A123		G 20	Α	1		1000 / 540		1	20 A		RECEPT WORK ROOM A126	
5	VENDING STAFF LOUNGE A123		G 20	Α	1			1000 / 1000	1	20 A		COPIER WORK ROOM A126	
7	RECEPT STAFF LOUNGE A123		20	Α	1	360 / 1440			1	20 A		RECEPT SHARED OFFICE A127	- 1
9	GARBAGE DISP STAFF LOUNGE A123		G 25	Α	1		1656 / 1080		1	20 A		RECEPT TELECOM A128	1
11	RECEPT STAFF LOUNGE A123		20	Α	1			180 / 720	1	20 A		RECEPT TELECOM A128	1
13	RECEPT STAFF LOUNGE A123		20	Α	1	180 / 360			1	20 A		RECEPT ROOM A122, A121	1
15	REFRIG. 1 STAFF LOUNGE A123		G 20	Α	1		180 / 1620		1	20 A		RECEPT LARGE CONFERENCE A119	1
17	REFRIG. 2 STAFF LOUNGE A123		G 20	Α	1			180 / 360	1	20 A		FLOOR BOX LARGE CONFERENCE A119	1
19	REC. SELF-CONTAINED LEARNING STUDIO	A131	20	Α	1	540 / 1080			1	20 A		RECEPT CORRIDOR NW	2
21	PROJ. SELF-CONTAINED LEARNING STUDIC	A131	20	Α	1		860 / 1800		1	20 A		RECEPT OFFICE A118	2
23	REC. SELF-CONTAINED LEARNING STUDIO	A131	20	Α	1			720 / 1440	1	20 A		RECEPT CONF. A117	2
25	RECEPT ROOM A131, A135		20	Α	1	540 / 1800			1	20 A		RECEPT OFFICE A120	2
27	EF-Q2 STORAGE A132		20	Α	1		526 / 1800		1	20 A		RECEPT OFFICE A113	2
29	DRYER STORAGE A132		30	۸	2			2496 / 1440	1	20 A		RECEPT CONF. A114	3
31	DRYER STORAGE A 132		30	A		2496 / 1800			1	20 A		RECEPT OFFICE A110	3
33	WASHER STORAGE A132		20	Α	1		1920 / 1440		1	20 A		RECEPT ROOM A105, A109	3
35	PROJ. LEARNING STUDIO A134		20	Α	1			1220 / 720	1	20 A		RECEPT TREASURER A104	3
37	RECEPT LEARNING STUDIO A134		20	Α	1	1180 / 1440			1	20 A		RECEPT PARENT ROOM A103	3
39	RECEPT LEARNING STUDIO A134		20	Α	1		720 / 900		1	20 A		RECEPT RECEPTION A102	4
41	RECEPT THINK TANK A137		20	Α	1			900 / 900	1	20 A		RECEPT WAITING A101	4
43	RECEPT ROOM A138, A130, A133		20	Α	1	900 / 0		_	1	20 A		SPARE	4
45	RECEPT STAFF LOUNGE A123		20		1		360 / 0		1	20 A		SPARE	4
47_	REC SELE CONTAINED LEARNING STUDIO	$\rightarrow \sim \rightarrow$	$\frac{20}{20}$	~	$\sqrt{\frac{1}{2}}$			180/0	1	20 A		SPARE	4
49	OWNER-PROVIDED APPLIANCE - STUBIO A		2/0		Y 1 .	1000 ° / 0			1	20 A		SPARE	5
51	OWNER-PROVIDED APPLIANCE - STUDIO A		20		1		1000 / 0	105 - \	1	20 A		SPARE	5
53	OWNER-PROVIDED APPLIANCE - STUDIO A	A131	20	A	1			1000 0	1	20 A		SPARE	5
				OTA	<u> </u>	16736 VA	17402 VA	14456 VA					
	TOTAL CONNECTED I	0.45.07		_		10730 VA		L CONNECTED		/A14D0	105		

	1DL2	PA	NE	LBOAF	RD SCHI	EDULE	! !			
OC/	ATION: ELECTRICAL D122B SCCR (AMPS RM	IS SYMM): 22	,000	SERVICE	: 208Y/120V 3Ф 4	-Wire+Ground	AMP:	225 A	MAIN: MCB NEMA: TYPE 1 MOUNTING: SURFA	CE
KT	DESCRIPTION	NOTE AMP	POLE	A	В	С	POLE	E AMP	NOTE DESCRIPTION	СК
1	SPARE	20 A	1	0/0			1	20 A	SPARE	2
3	SPARE	20 A	1		0 / 0		1	20 A	SPARE	4
5	SPARE	20 A	1			0/0	1	20 A	SPARE	6
7	RECEPTS - MECHANICAL D122B	20 A	1	360 / 900			1	20 A	RECEPTS - PE OFFICE D126	8
9	RECEPTS - MECHANICAL D122B	20 A	1		360 / 180		1	20 A	SOUND RACK RECEPT - PE STORAGE D127	10
11	CABINET UNIT HEATER - ELECTRICAL D122B	20 A	1			526 / 720	1	20 A	RECEPTS - PE STORAGE D127	12
13	RECEPTS - BUILDING STORAGE D122	20 A	1	540 / 860			1	20 A	PROJECTOR/PROJ. SCREEN - GYMNASIUM-1	14
15	NORTH/WEST RECEPTS - MECHANICAL D123	20 A	1		360 / 0		1	20 A	EXHAUST FAN (EF-K1) - TOILET D128	16
17	PROPELLER UNIT HEATER - MECHANICAL D123	3 20 A	1			864 / 696	1	20 A	FAN COIL UNIT (FC-B) - PE STORAGE D127	18
19	WATER SOFTENER - MECHANICAL D123	20 A	1	360 / 360			1	20 A	INTEGRAL LIGHTING (AHU-6), AHU-5N - STORAG	20
21	SOUTH/WEST RECEPTS - MECHANICAL D123	20 A	1		540 / 900		1	20 A	RECEPTS - STORAGE D118	22
23	WATER HEATER - MECHANICAL D123	20 A	1			1800 / 360	1	20 A	EAST CENTER RECEPT - GYMNASIUM-1 D125-1	24
25	WATER HEATER - MECHANICAL D123	20 A	1	1800 / 180			1	20 A	S.E. REECPTS - GYMNASIUM-1 D125-1	26
27	TMV-A - MECHANICAL D123	20 A	1		1800 / 526		1	20 A	EXHAUST FAN (EF-Q2) - LAUNDRY D119	28
29	CIRCULATION PUMP (CP-A) - MECHANICAL D12		1			2400 / 696	1	20 A	FAN COIL UNIT (FC-B) - STORAGE D118	30
31	CIRCULATION PUMP (CP-B) - MECHANICAL D12		1	696 / 540		_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	20 A	RECEPTS - CORRIDOR D120, LAUNDRY D119	32
33	RECEPTS - RECEIVING D121	20 A	1		360 / 1656		1	20 A	NORTH GOAL - GYMNASIUM-1 D125-1	34
35	RECEPTS - RECEIVING D121	20 A	1		3337 1333	360 / 1000	1	20 A	NORTH SCOREBOARD - GYMNASIUM-1 D125-1	36
37	FAN COIL UNIT - RECEIVING D121	20 A	1	696 / 1656			1	20 A	N.E. GOAL MOTOR - GYMNASIUM-1 D125-1	38
39	FAN COIL UNIT - BUILDING STORAGE D122	20 A	1		696 / 720		1	20 A	RECEPTS - MECHANICAL D110C	40
41	NORTHWEST RECEPTS - RECEIVING D121	20 A	1			360 / 1052	1	20 A	PROPELLER UNIT HEATER - MECHANICAL D110	42
43	NORTH RECEPTS - GYMNASIUM-1 D125-1	20 A	1	1620 / 1000		000, 100	1	20 A	EAST SCOREBOARD - GYMNASIUM-1 D125-1	44
45	SOUTH RECEPTS - GYMNASIUM-1 D125-1	20 A	1		1800 / 1656		1	20 A	S.E. GOAL MOTOR - GYMNASIUM-1 D125-1	46
47	NORTHEAST RECEPT - GYMNASIUM-1 D125-1	20 A	1			360 / 1656	1	20 A	SOUTH GOAL MOTOR - GYMNASIUM-1 D125-1	48
49	WASHER - LAUNDRY D119	20 A	1	1920 / 180			1	20 A	INTEGRAL LIGHTS (AHU-5S) MECHANICAL D110D	50
51	DDVED LAUNDDV D440	20.4	0		2496 / 0		1	20 A	SPARE	52
53	DRYER - LAUNDRY D119	30 A	2			2496 / 0	1	20 A	SPARE	54
55	MOTORIZED DI EAGUEDO			900 / 0			1	20 A	SPARE	56
57	MOTORIZED BLEACHERS MOTOR GYMNASIUM-1 D125-1	20 A	3		900 / 0		1	20 A	SPARE	58
59	MOTOR OTHER MODIUM TO DIZO T					900 / 0	1	20 A	SPARE	60
			TALS :	14568 VA	14950 VA	16246 VA				
	TOTAL CONNECTED LOAD ARKS:	D (VA) : 45764 \	/A		TOTA	L CONNECTED	LOAD	(AMPS)	: 127 A	

PANELBOARD SCHEDULE IM): 65,000 SERVICE: 208Y/120V 3Φ 4-Wire+Ground AMP: 400 A MAIN: MCB NEMA: Type 1	MOUNTING: SURFACE
DEITHOL: 2001/1207 04 4 Wile Glound Fam. 1 400 // Mirate: MOD NEMPAR 1 Type 1	MOORTHO: GORT TOE
TE AMP POLE A B C POLE AMP NOTE DESCRIPTION	ON CK
12000 / 10420	2
225 A 3 8200 / 8560 3 225 A PANEL '1BL'	_1' 4
8420 / 9086	6
0/0	8
225 A 3 0 0 / 0 SPARE	10
0/0	12
0/0 SPACE	14
100 A 3 0 0 0 1 SPACE	16
0/0 1 SPACE	18
1 0/0 SPACE	20
1 0/0 1 SPACE	22
1 SPACE	24
1 0/0	26
1 0/0 SPD	28
0/0	30
TOTALS: 22420 VA 16760 VA 17506 VA	
: 56686 VA TOTAL CONNECTED LOAD (AMPS) : 157 A	
NOTES:	





HAMILTON SOUTHEASTERN SCHOOI
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 Lantern Rd, Fishers, IN 46038

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS: Addendum#2 02/02/2024 3 Addendum#3 02/09/2024

ISSUE DATE | DRAWN BY | CHECKED BY 01/15/24 GSR DEW

DRAWING TITLE: SCHEDULES -PANELBOARDS -FIRST FLOOR

CERTIFIED BY:

DRAWING NUMBER E613



WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

THIS PROJECT.

- 1. REFER TO DRAWING T001 FOR ADDITIONAL GENERAL NOTES.
- 2. REFER TO DRAWING T405 FOR INSTALLATION DETAILS.
- 3. THE LOCATION AND ROUTING OF ALL UNDERGROUND CONDUITS SHOWN ON THE DRAWINGS ARE INTENDED AS CONCEPTUAL ONLY AND ARE ANTICIPATED TO VARY DEPENDING UPON ACTUAL FIELD CONDITIONS. THE EXACT LOCATION AND ROUTING OF UNDERGROUND CONDUITS SHALL BE DETERMINED BY THE CONTRACTOR FOLLOWING THE INTENT OF THE DRAWINGS AS GENERAL GUIDELINE ONLY AND SHALL BE APPROVED BY THE OWNER'S FIELD REPRESENTATIVE. PRIOR TO BEGINNING THE INSTALLATION OF UNDERGROUND CONDUITS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESEARCH, LOCATE, AND MARK ANY EXISTING UNDERGROUND UTILITIES THAT MAY INTERFERE WITH THE INSTALLATION OF NEW UNDERGROUND CONDUIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES OR FACILITIES. ANY DAMAGE TO EXISTING UTILITIES OR FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE, AS APPROVED BY THE ENGINEER. CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION. LOCATE, IDENTIFY, MARK, AND AVOID ALL EXISTING UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESEARCH AND IDENTIFY ALL UTILITY

PLAN NOTES:

1. EXISTING UTILITY POLE TO REMAIN.

2. PROVIDE (3) UNDERGROUND 2 INCH CONDUIT AND FABRIC INNERDUCT AS SPECIFIED FROM EXISTING UTILITY POLE TO NEW TELECOM ENTRANCE FACILITY ROOM TECH D139. SWEEP CONDUIT UP TO 6 INCHES ABOVE GRADE AT POLE. SEE DIVISION 27 AND DRAWING T405.

3. PROVIDE MAINTENANCE HOLE AS SPECIFIED.

4. EXISTING INCOMING UNDERGROUND TELECOM SERVICES TO BE ABANDONED.

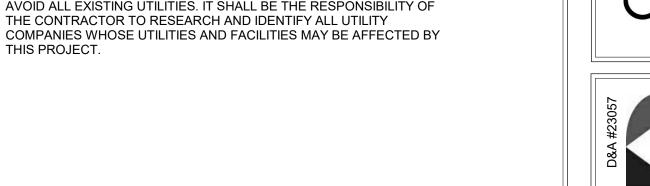
5. NEW TELECOM ROOM D139.

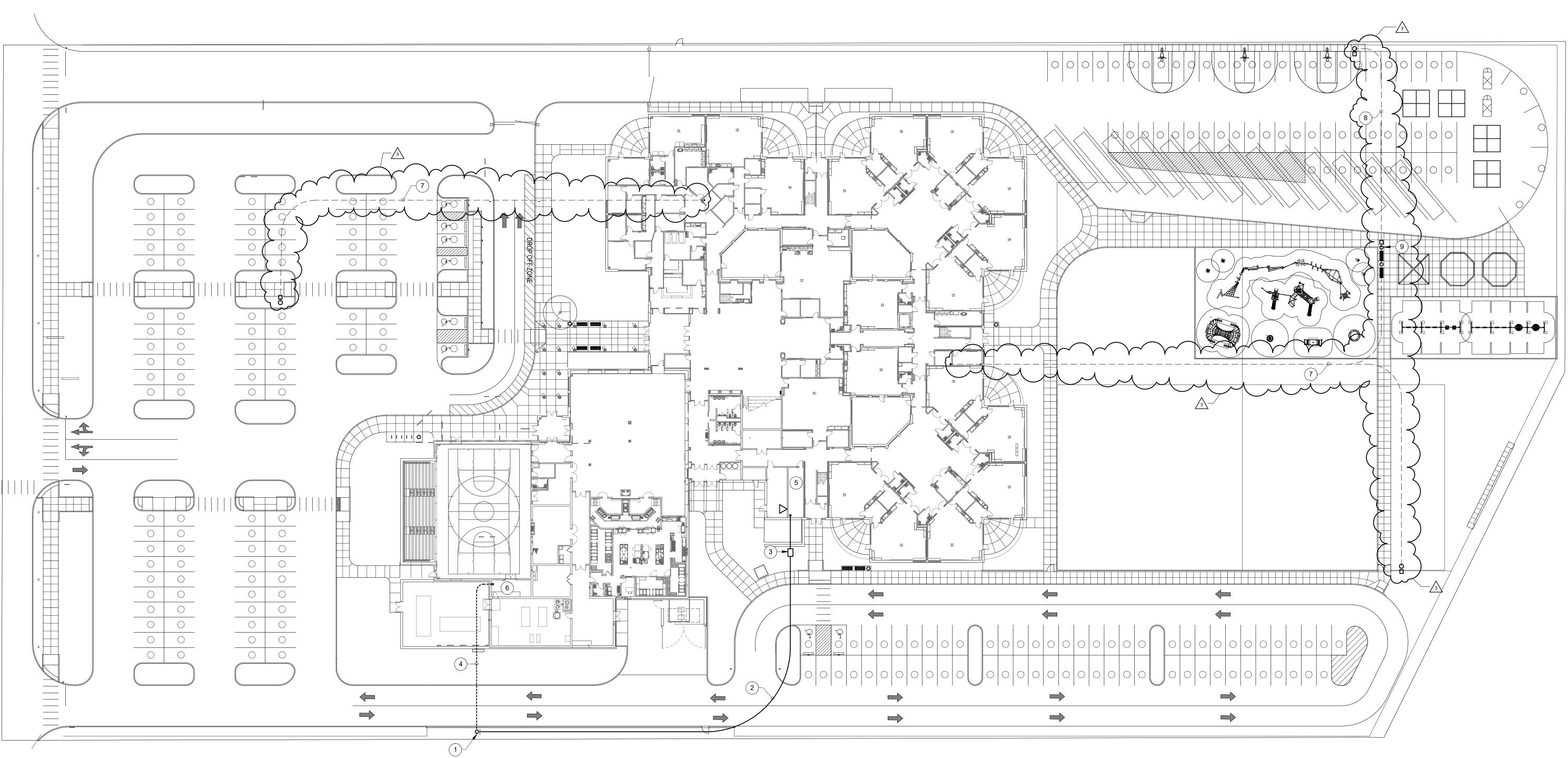
6. EXISTING TELECOM ENTRANCE FACILITY TO BE ABANDONED. PROVIDE 1 1/2" UNDERGROUND CONDUIT FROM TECH ROOM TO EACH LIGHT POLE FOR SURVEILLANCE CAMERA AND WIRELESS ACCESS POINT. SWEEP CONDUIT UP AT EACH END 6 INCHES A.F.F. AND ABOVE GRADE. COORDINATE LIGHT POLE TERMINATIONS TO

PROVIDE 1 INCH UNDERGROUND CONDUIT BETWEEN LIGHT POLES FOR SURVEILLANCE CAMERA AND WIRELESS ACCESS POINT. SWEEP CONDUIT UP AT EACH END 6 INCHES ABOVE GRADE. COORDINATE LIGHT POLE TERMINATIONS TO ALLOW CABLING INSIDE LIGHT POLE CAVITY.

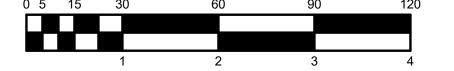
PROVIDE 12"x12"x4" PULL BOX AT POLE BASE FOR TELECOM

ALLOW CABLING INSIDE LIGHT POLE CAVITY.









Hamilton
Southeastern
Schools







Dímo d Associate

OLS)

SCOPE DRAWINGS:

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REVISIONS: Addendum#3 02/09/2024

ISSUE DATE | DRAWN BY | CHECKED BY

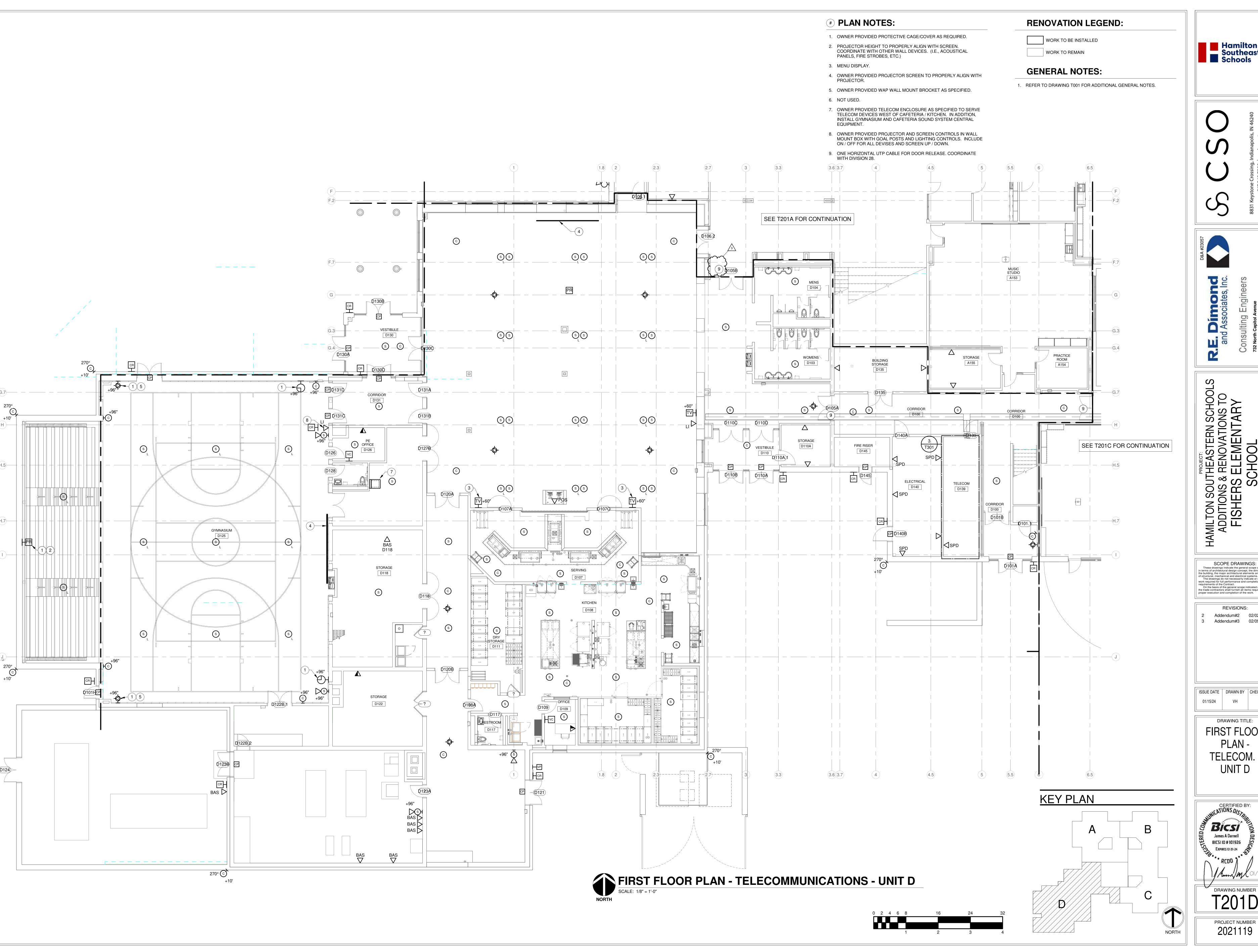
VH

01/15/24

DRAWING TITLE: SITE PLAN -TELECOM.



DRAWING NUMBER



Hamilton
Southeastern
Schools



SCOPE DRAWINGS:

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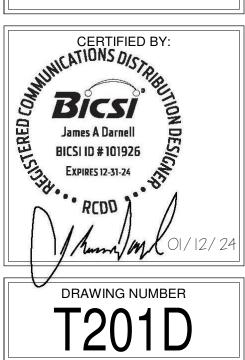
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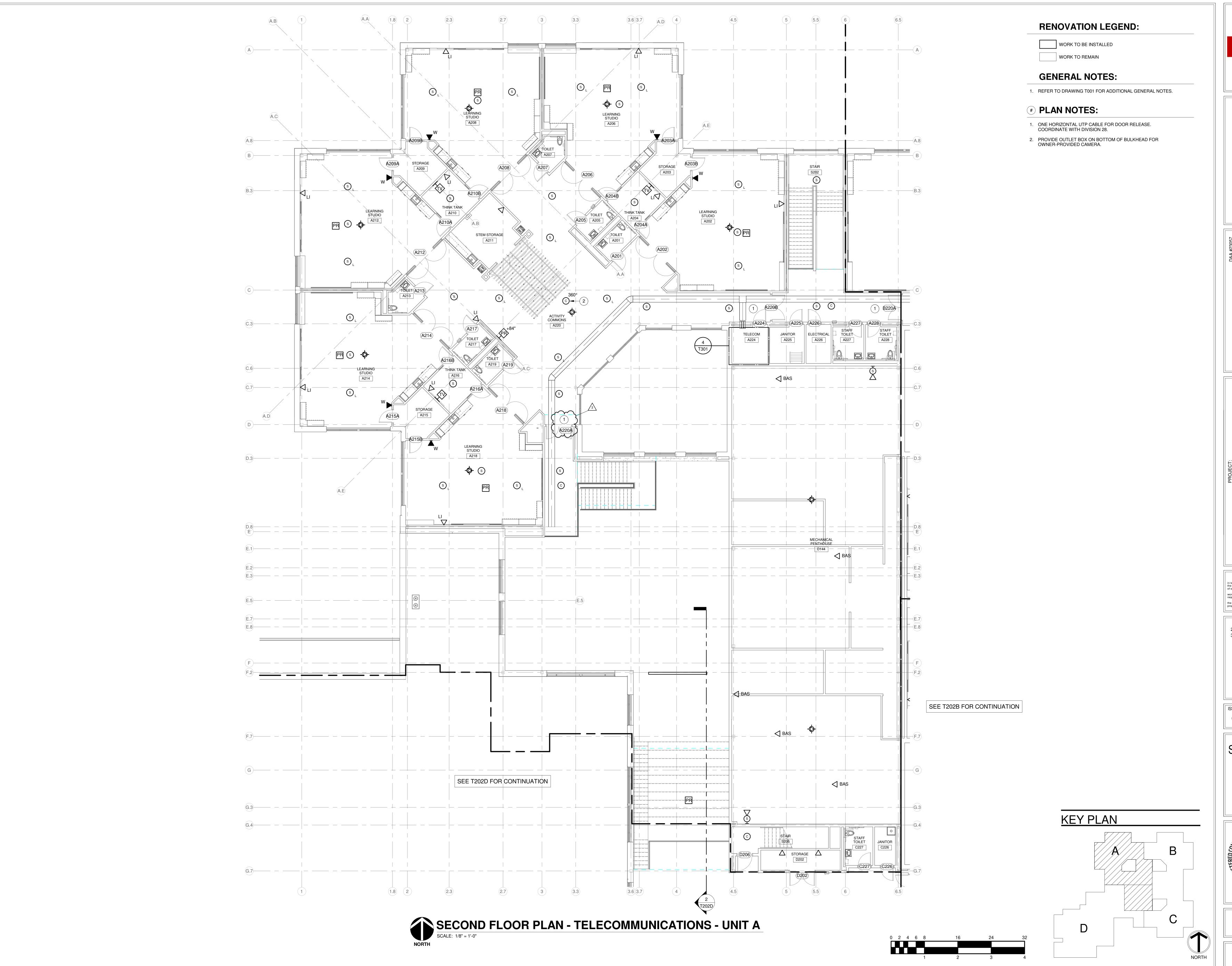
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS: Addendum#2 02/02/2024 Addendum#3 02/09/2024

ISSUE DATE | DRAWN BY | CHECKED BY

DRAWING TITLE: FIRST FLOOR TELECOM. -











and Associates, Inc.
Consulting Engineers
Structure Action of the structure of the structur

HAMILTON SOUTHEASTERN SCHOOLS
ADDITIONS & RENOVATIONS TO
FISHERS ELEMENTARY
SCHOOL
11442 Lantern Rd. Fishers, IN 46038

SCOPE DRAWINGS:

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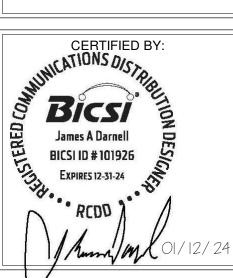
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REVISIONS:
Addendum#2 02/02/2024
Addendum#3 02/09/2024

ISSUE DATE DRAWN BY CHECKED BY 01/15/24 VH JD

PLAN TELECOM. -



T202A

Section 00 24 00 - Included Bid Packages ADDENDUM #1 Dated 1/26/24-ADDENDUM #2 Dated 2/2/24

-ADDENDUM #3 Dated 2.09.24

- Bid Package #1-General Trades/Concrete
- 2. Bid Package #2- Structural Demolition
- 3. Bid Package #2A-Selective Demolition
- 4. Bid Package #4-Masonry
- 5. Bid Package #5-Structural Steel
- 6. Bid Package #7-Roofing
- 7. Bid Package #7A-Metal Panels
- 8. Bid Package #8-Aluminum & Glazing
- 9. Bid Package #8A-Doors & Hardware
- 10. Bid Package #9-Metal Studs, Drywall, Insulation & Acoustical Ceilings
- 11. Bid Package #9A-Flooring & Tile
- 12. Bid Package #9B- Painting, Wall Covering & Staining
- 13. Bid Package #11-Kitchen Equipment
- 14. Bid Package #21-Fire Suppression
- 15. Bid Package #22-Plumbing
- 16. Bid Package #23-Mechanical, HVAC, Ductwork & Temperature Controls.
- 17. Bid Package #26-Electrical
- 18. Bid Package #31-Earthwork & Utilities
- 19. Bid Package #32-Landscape
- 20. Bid Package #32A-Paving & Stone
- 21. Bid Package #32B-Fencing

GENERAL TRADES BP 1 ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

ADDENDUM 3

1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark

- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, equipment, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site by phase.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 15 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Coordinate with testing labs to perform all tests and inspections as required. Wurster Construction will contract with the lab and provide the contact.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.

- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.
- 21. There will be at least four punchlists per phase including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with it's sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to it's work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the
- 25. This subcontractor will be responsible for daily road / parking lot clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include items(but not limited to these items) associated with the General Trades. Concrete work or reasonably inferable to complete the General Trades/Concrete scope:

ADDENDUM 1 General Trades BP 1

- 1. Division 06- Wood, Plastics and Composites
 - a. Excludes 06 16 43 Glass-Mat Gypsum Wall Sheathing(Drywall BP-9)
- 2. Specification Section 05 52 15 Aluminum Pipe and Tube Railings
- 3. Specification Section 05 73 00 Decorative Metal Railings
- 4. Specification Section 07 84 13 Penetration Firestopping-Removed for BP 1-Included in BP 21-23
- 5. Specification Section 07 84 46 Fire Resistive Joint System-Includes top of wall work
- 6. Specification Section 07 92 00 Joint Sealants
- 7. Specification Section 07 95 00 Expansion Control
 - Specification Section 08 11 13 Hollow Metal Doors and Frames(Install only provided by BP 8A) Specification Section 08 14 19 Wood Doors(Install only provided by BP 8A)
- 8. Specification Section 08 31 13 Access Doors and frames
- 9. Specification Section 08 33 23 Overhead Coiling Doors
 - Specification Section 08 71 00 Door Hardware(Doors pre-hardwared by BP 8A installed by this BP)
- 10. Specification Section 09 77 23 Fabric-Wrapped Panels-Remove from BP 1 -Included in BP 9
- 11. Specification section 09 84 33 Sound Absorbing Wall Units-Remove from BP1-Included in BP 9
- 12. Division 10-Specialties- Complete
- 13. Specification Section 11 66 23 Gymnasium Equipment Specification Section 11 66 26 Time Out Room Padding
- 14. Specification Section 11 68 00 Playground Equipment
- 15. Specification Section 11 95 00 Kilns
- 16. Division 12-Furnishings
- 17. Division 14- Conveying Equipment
- 18. Specification Section 32 18 16 Playground Protective Surfacing-Synthetic Turf

ADDENDUM 2

-Specification Section 32 33 00 Site Furnishings

- 19. Included on Drawings AD201D; AD201E; AD202; AD203 Notes:
 - a. Note 14, 15 & 18(athletic wall padding, Ceiling suspended gym equipment & Bleachers)
- 20. Included on Drawing C101 & C102- Notes:
 - a. Note 16, 29, 30, 31 & 32 (Remove item 29, 30 & 31 from BP 1 Add item 32) On C-102 Note 32 is mislabeled and should be 31.-ADDENDUM 3 confirmed item 30 & 31 is in BP 31.
- 21. Survey control will be provided by Wurster Construction. From this information BP 1 to provide the survey and control for this BP and BP 32A and by phase.
- 22. Prior to construction provide a video of the existing conditions. Specifically asphalt, concrete, public roads and structures.
- 23. Site Furnishings as called out on L202 F01-F04.
- 24. Firestopping at the top of rated walls (MPE trades include their penetrations)
- 25. Required spray foam insulation-Reference Note 1 on A450 at roof drains-Removed in Addendum 3- by BP22
- 26. Furnish and Install all inwall wood blocking(Fire Treated)
 - a. Specifically in wall for cabinets(2 rows of blocking at the upper cabinets and 1 row at base cabinets)
 - b. Folding partition support
 - c. Roof Blocking(Pressure treated) & blocking at lintels & coping(A415 typical details 5-9)
 - d. Window blocking
 - e. Toilet Accessories
 - f. Fixtures
 - g. TV's and projection screens
- 27. Interior caulking of windows, window stools, casework and door frames by phase.
- 28. Exterior caulking of sidewalks, and masonry control joints by phase.
- 29. Provide four wooden ladders per level for trade access. (2 @ C/D and 2 @ A/B)
- 30. Provide temporary fire extinguishers per OSHA throughout the building
- 31. Install temporary wood fillers in pan stairs till the concrete can be poured.
- 32. Include any permits, and as-builts(by phase)
- 33. Cleaning of property and adjoining roads during concrete operations. Cleaning to be completed on a daily basis.
- 34. Included is multiple mobilizations to meet the project phasing
- 35. Included is full time supervision of this trade

ADDENDUM 1 added line items:

- 36. Furnish and install the waterproofing of the elevator pit(7-13-26A & 7-13-26B)
 - -Specification Section 07 13 26 Self- Adhering Sheet Waterproofing(Added is Addendum 1)
- 37. Furnish and install the aluminum handrails (5-52-13A)
- 38. Equipment install the TV1 & PS2 on A900
- 39. Furnish and install the Knox Box KB1 on A900
- 40. A800 WDI furnish and install Wood panels
- 41. A800 WD2 & WD3 Furnish and install the wood veneer.
- 42. Included is the elevator weight testing and threshold.
- 43. Included is the caulking of dissimilar materials including the brick control joints and joints.
- 44. Include the pumping of the water in the elevator pit prior to work in the pit.
- 45. Maintain the safety cables after BP 5 leaves the site. Remove the cables at the proper time.
- 46. Provide wooden handrails at the stairs till the permanent railings are installed.
- 47. Furnish and Install the wood blocking for door and window frames (Examples on A510 & A511)

ADDENDUM 2 added line items:

48. Receive, deliver to their location on site and install all hollow metal doors frames in metal studs or masonry.

- 49. Receive, deliver to their location on site and install all Wood and Metal Doors.
- 50. This BP will coordinate and inventory all frames, wood door and Hollow metal door with BP 8A.
- 51. Note added scope for this BP 1 on the Phasing plans.

CONCRETE

- 1. Division 03-Concrete
- 2. Specification Section 07 21 00 Thermal Insulation specifically for Foundation/Under Slab
- 3. Specification Section 32 11 23 Granular Base
- 4. Specification Section 32 13 13 Concrete Paving
 - -Specification Section 32 13 16 Decorative Concrete Paving
- 5. Excavation for footings and backfill per phase
- 6. Excavation for elevator pit and backfill. Removal of excavated materials from the site.
- 7. Excavation for foundations and removal of the spoils from the project site.
- 8. Sawing of concrete & excavation for the freezer slab and removal of the materials from the site.
- 9. Excavation and stone fill for curbs and sidewalks. Spoils to be removed from the site. BP 31 to provide the excavation and compaction to +/- .1 foot.
- 10. Form & pour elevator sump pit slab and walls detail 5/S402. Grate by BP 35. Scope includes excavation/and spoil removal off site.
- 11. Form and pour the elevator pit. Scope includes the excavation/backfill and spoil removal off site.
- 12. Furnish and install the reinforcing steel for the masonry on elevated decks per detail 12/S405 including verticals.
- 13. 6/A302 provide the concrete foundation including reinforcing steel for the monument sign(Foundation 3'x14'x18" w/ 1'x2'x10' pedestal). Scope includes the excavation/backfill and spoil removal off site.
- 14. Placement of anchor bolts and embeds- material provided by BP 5.
- 15. Installation of Electrical (BP 26) and Plumbing (BP 22) sleeves provided and located by BP 22 & 26.
- 16. Placement of dowels for masonry walls in concrete per phase
- 17. Reinforcing and pouring of elevated metal decks and pan stairs
- 18. Furnish and install the interior concrete inside the freezer/cooler per K103 as well as the sub slab per detail 14 on S402. Scope includes excavation and spoil removal off site and any stone work. BP 1 will layout and coordinate BP2A's removal of the concrete for the Freezer/Coolers.
- 19. Structural slabs and shoring per phase
- 20. Sidewalks including stone subgrade including excavation, backfill and spoil removal off site
- 21. Curbs including excavation/backfill & spoil removal off site. Curb as called out on L202 C01-C06(Excludes C 03 -by BP 32A)
- 22. Set bollards-Materials provided by BP 5.
- 23. Light pole bases are excluded (Electrical Contractor BP 26)
- 24. Equipment pads including excavation/backfill and spoil removal off site.
- 25. Exterior steps
- 26. Exterior concrete slabs and stone subgrade including excavation and spoil removal off site. Reference L600 for Details. BP 31 to provide subgrade to +/- .10 Foot.
- 27. Interior ramp and steps
- 28. Chiller Equipment Pad M413 Detail F
- 29. Condensing Boiler Pads M412 Detail B
- 30. Exterior Pipe support Concrete/Stone including excavation/backfill M411 Detail G.
- 31. Concrete for stairs and landings- Removal of wood treads and cleaning of treads ahead of concrete placement.
- 32. Foundation insulation including at Slab on Grade. See details 2/S701; 1/S701; 1-4/A401 and 1/A402(There could be other details of the underslab insulation in the plans.)
- 33. Reinforcing
- 34. Grout steel column base plates

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- 35. Cleaning of SOD ahead of concrete pouring operations.
- 36. Vapor barrier
- 37. Drainage fill under slab-granular fill
- 38. Expansion and control joints
- 39. Curing compound
- 40. Saw cuts for control joints
- 41. Sealers at exposed concrete slabs-note on finishing plans
- 42. Concrete pumping if necessary
- 43. Surface dewatering as required
- 44. Winter charges for concrete.
- 45. Provide truncated dome surface for all ADA ramps in sidewalks. Ramps as called out on L202 R01-R03.
- 46. Protect the existing building, new structure and site from damage during contractor's installations.
- 47. All other work as outlined in the concrete specification sections, associated sections and specifications and included in the contract documents included.
- 48. Location of all utilities prior to commencing work. Public and private locates by phase.
- 49. Removal of all spoils from the jobsite -Provide the concrete washout per drawing.
- **50.** Cleaning of property and adjoining roads during earthwork and concrete operations. Cleaning to be completed on a daily basis.
- 51. Allowances:
 - a. General Allowance- Include \$300,000

ADDENDUM 1 added line items:

51.Geofoam base & poured stair as shown on detail1/A425

52.Grouting of Hollow Metal frames per details J9, J10 & J15 on A510 & A511(Deleted by BP #4)

53. Furnish and install the slab on Grade as indicated on S401 with stone and vapor barrier. BP 31 to provide subgrade to +/- .1 foot.

DEMOLITION BP#2 ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope ADDENDUM 3

1. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.

- 2. There will be no labor increases to the contract amount as a result of any labor rate increases through the course of the project.
- 3. The subcontractor shall provide all ladders, scaffolds, hoisting, and hand lifts as required for the completion of their work.
- 4. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean-up being performed by Wurster Construction and back charged to this subcontractor.
- 5. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property to the owner) shall be the sole responsibility and liability of this subcontractor.
- 6. Complete all demolition as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 7. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 8. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime, multiple shifts, or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 9. Perform all tests and inspections as required.
- 10. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 11. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, adjusting, punch lists, etc.
- 12. Should it be determined necessary by Wurster Construction, the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 13. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 14. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 15. This subcontractor will be responsible for daily road / parking lot clean up for debris tracked into adjacent areas by his operations including sweeping.
- 16. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats and hard soled work boots are required on the project at all times. Eye protection must be work when required under the OSHA standard.
- 17. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(but not limited to these items) associated with the Structural Demolition or reasonably inferable to complete the Structural Demolition scope:

STRUCTURAL DEMOLITION BP #2

Addendum 1

1. Specification Section 02 41 19 Selective Structure Demolition

ADDENDUM 2
ADDENDUM 3

- 2. Include the demolition Notes:
 - a. C101 & C102 Notes 5 & 6
 - b. AD201D, AD201E, AD202, AD203 Note 1
 - c. Includes the demolition of the front canopy and its foundations.
- 3. Provide dumpsters/Trucking for this BP's work and the removal of demolished items.
- 4. Demo Contractor is responsible for calling in utility locates public and private per phase.
- 5. Complete interior / exterior architectural demo as detailed in the contract documents per PHASE.
- 6. Complete removal of all plumbing, electrical and mechanical systems as detailed in the contract documents per phase. Contractor is responsible for verifying utilities are disconnected.
- 7. Protection of fire sprinkler system during demolition.
- 8. Temp shoring as required to provide safe demolition and maintain the structure to remain.
- 9. Contractor is to protect the existing building and site from damage during removal of debris. Coordinate the demolition activity with the local fire department and Fire Marshall. Inform the FM of entrance and exit of the site and furnish a fire watch.
- 10. Contractor is to provide fall protection, per OSHA standards, for any holes or openings created during the demolition process.
- 11. Allowance:
- i. Include a \$50,000 allowance

ADDENDUM 3 added line items:

12. On drawing C101 it notes a modular Building to the East of Unit D. Demolish this Modular Building and foundations and remove form the site.

SELECTIVE DEMOLITION BP#2A

ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 2. There will be no labor increases to the contract amount as a result of any labor rate increases through the course of the project.
- 3. The subcontractor shall provide all ladders, scaffolds, hoisting, and hand lifts as required for the completion of their work.
- 4. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean-up being performed by Wurster Construction and back charged to this subcontractor.
- 5. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property to the owner) shall be the sole responsibility and liability of this subcontractor.
- 6. Complete all demolition as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 7. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 8. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime, multiple shifts, or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 9. Perform all tests and inspections as required.
- 10. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 11. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, adjusting, punch lists, etc.
- 12. Should it be determined necessary by Wurster Construction, the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 13. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 14. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 15. This subcontractor will be responsible for daily road / parking lot clean up for debris tracked into adjacent areas by his operations including sweeping.
- 16. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats and hard soled work boots are required on the project at all times. Eye protection must be work when required under the OSHA standard.
- 17. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(but not limited to these items) associated with the Selective Demolition or reasonably inferable to complete the Selective Demolition scope:

SELECTIVE DEMOLITION BP #2A

- 1. Specification Section 02 41 19 Selective Structure Demolition
- ADDENDUM 2
 ADDENDUM 3

- 2. Include the demolition Notes:
 - a. AD201D, AD201E, AD202, AD203 Notes 2-26 & 28-31
 - i. Gymnasium Equipment(Item 14, 15 & 18) by BP 1
 - ii. Plumbing fixtures (Item 7) by the plumber BP 22
 - iii. Windows(Item 8) to be removed by BP 8
 - iv. Roofing Demo(Item 22) by BP 7
 - v. Lights (Item 17 & 31) by BP 26
 - vi. Wall openings item 4 by BP 4
- 3. Provide dumpsters/Trucking for this BP's work and the removal of demolished items.
- 4. Demo Contractor is responsible for calling in utility locates public and private per phase.
- 5. Complete interior / exterior architectural demo as detailed in the contract documents per PHASE.
- 6. All interior demo is to be complete in order for surfaces to receive new materials per phase. This is to include scrapping/grinding of mastics from floors and VWC removal.
- 7. Concrete sawing and removal of the freezer cooler slab and removal of demolished materials offsite. AD201D item 28.
- 8. Complete removal of all plumbing, electrical and mechanical systems as detailed in the contract documents per phase. Contractor is responsible for verifying utilities are disconnected.
- 9. Protection of fire sprinkler system during demolition.
- 10. Temp shoring as required to provide safe demolition and maintain the structure to remain.
- 11. Contractor is to protect the existing building and site from damage during removal of debris.
- 12. Contractor is to provide fall protection, per OSHA standards, for any holes or openings created during the demolition process.
- 13. Demolished equipment and materials is to be offered to the Owner prior to removal from the jobsite:
 - a. Audiovisual equipment
 - b. Bleachers
 - c. Lockers
- 14. Allowance:
- i. Include a \$25,000 allowance

Masonry BP 4 ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

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- 21. There will be at least four punchlists per phase including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction, the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to it's work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road / parking lot clean up for debris tracked into adjacent areas by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses, and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include items(but not limited to these items) associated with the Masonry work or reasonably inferable to complete the Masonry scope:

Masonry BP #4

ADDENDUM 1 - ADDENDUM 2 ADDENDUM 3

- 1. Division 04- Masonry
- 2. Specification Section 07 21 00 Thermal Insulation-Behind the veneer masonry
- 3. Provide (3) brick options for Brick Color "A" and "B" for selection by Architect
- 4. Install masonry steel lintels(Supplied by the steel BP 5)
- 5. Masonry lintels by this BP #4
- 6. Provide a masonry mockup with all materials and a window to show flashing and water weeps.
- 7. Limestone
- 8. Anchors for limestone
- 9. Furnish and install insulation behind masonry and in between masonry units. Sealing of insulation joints per specifications. **BP 9 will include insulation on metal studs/Sheathing.**
- 10. Match existing masonry: Coursing, bonding, color and texture
- 11. Install CMU's for but not limited to interior walls, opening infills, and radius wall at column line B/3.
- 12. Install bearing plates, embeds and steel lintels in masonry provided by the BP 5.
- 13. Work with BP 5 to install lintels in new openings, see AD201D item #4. Opening demolition by BP 5.
- 14. Masonry wall reinforcing (vertical and horizontal as required)
- 15. Grout cores of cmu's as required
- 16. Furnish and install the reinforcing steel in the elevator shaftwalls.
- 17. In-progress cleaning and final cleaning of all masonry by phase
- 18. Exterior and interior Face Brick
- 19. Any exposed masonry will be reviewed as installed and no chipped corners or gouges will be allowed.
- 20. Furnish and install flashing and accessories reference 1-4 details on A407.
- 21. Masonry at the monument sign 6/A302.
- 22. Provide adequate protection for inclement weather-Winter protection includes scaffold enclosure and heat required to maintain masonry operations. Specifically but not limited to masonry at Units C & D.

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- 23. Remove excess materials from site after use by phase.
- 24. Protect the existing building, new structure and site from damage during contractor's installations.
- 25. Furnish and Install the flashing at perimeter wall base.
- 26. All other work as outlined in the Unit Masonry specification section, associated sections and specifications and included in the contract documents included.
- 27. Include any permits and as-builts per phase.
- 28. Grouting of door frames in masonry

ADDENDUM 1 added line items:

- 29. Include the cast stone medallion detail 8/A403
- 30. Installation of plumbing pipe sleeves in masonry. Layout by BP 22.
- 31. Allowance to be included as part of the cost of this BP:
 - a. General Allowance \$75,000.00

ADDENDUM 2 added line items:

32.

Structural Steel BP 5 ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

ADDENDUM 3

1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark

- Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
 There will be no labor increase to the contract amount as a result of any labor rate increases through the
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 18. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 19. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 20. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with it's sub-subcontractors and material suppliers.
- 21. This subcontractor shall be responsible for general conditions as it relates to it's work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 22. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 23. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 24. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses, and hard soled work boots are required on the project at all times.
- 25. All material must be stored according to manufacturer's requirements.
- 26. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include items(But not limited to these items) associated with the Structural Steel work or reasonably inferable to complete the Structural Steel scope:

Structural Steel BP 5

- 1. Division 05-Metals
 - **ADDENDUM 2** a. Excludes 05 52 15 Aluminum Pipe and Tube Railings-by BP 1 **ADDENDUM 3**
 - b. Excludes 05 40 00 Cold-Formed Metal Framing-by BP 9
 - Excludes 05 73 00 Decorative Metal Railings-by BP 1
- 2. All materials are to be delivered and installed by Phase. No storing of future phase materials on site will be
- 3. Furnish anchor bolts and embedded plates to be installed by the BP 1 by phase.
- 4. Furnish all bollards to be installed by the BP 1 by phase.
- 5. Joist/Deck, Tube Columns, Beams, Channels & Framing Tubes per documents
- 6. Furnish the 3": deep rib acoustic steel roof deck with acoustic batts 4/S404-Install of batts by BP7.
- 7. Required shoring at the gym ahead of the new addition demolition and installation of foundations and new
- 8. Steel beams at the penthouse- coordinate with BP 22 and hold off the installation of needed beams/deck till the HVAC equipment can be installed. Then erect the missing steel beams and deck.
- 9. Continuous Angle on Beams per documents
- 10. Pour stop bent with studs
- 11. X-Bracing
- 12. Continuous Angle with anchors
- 13. Brick Lintels for Doors-Windows-Galvanized by phase
- 14. Furnish and install new lintels in existing walls AD201D & AD202 Note 4
- 15. Roof drain frames
- 16. Furnish and install the roof top curb support 16/S404.
- 17. Furnish and install the Roof ladder 1/A312-(Also noted on A900 item LD1)
- 18. Removal of nelson stud insulators prior to concrete cleaning of SOD.
- 19. Grating for the elevator sump- 5/S402
- 20. Bearing plates
- 21. Painted steel pit ladder
- 22. Painted steel roof access ladder

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- 23. Roof hatch frame
- 24. Skylight Frames
- 25. HVAC roof penetration frames
- 26. Rolled plate
- 27. All labor and material for connecting to masonry walls
- 28. Provide stairs and landings complete with handrails per contract documents.
- 29. Guardrails/Safety Cables:
 - a. Install 2x2 angles on ____ centers with welded washers for the safety cables at the bent plate/Slab edge. For 2nd floor and penthouse(Roof is not included)
 - b. Install washers on columns for safety cables. Remove washers at the proper time per phase.
 - c. Furnish and install cables for safety handrails(1/4" cables)
 - d. Plan on 2 landing per floor for materials deliveries.
 - e. Furnish and install temporary handrail at stairs.
 - f. Include coordinated removal of temporary rails with the masonry/Steel stud installation by phase.
 - g. Maintain safety cables while BP 5 is mobilized.
- 30. Protect the existing building, new structure and site from damage during contractor's installations.
- 31. All other work as outlined in the Metals specification section, associated sections and specifications and included in the contract documents included.
- 32. Include any permits, as-builts by phase and testing as necessary and required.
- 33. Provide the required equipment/cranes for the installation of this package.
- 34. Provide traffic control for steel deliveries by phase.
- 35. Provide BIM coordination for this BP per BIM Execution Plan 01 31 13
- 36. Protect existing asphalt during deliveries.
- 37. Furnish and install folding partition supports.
- 38. Allowance to be included as part of the cost of this BP:
 - a. General Allowance \$50,000.00

ADDENDUM added line items:

- 39.Pit ladder detail 5/A428 item 142400 furnish and install
- 40. Per detail 13/S401 paint all subgrade steel with two coats of asphaltic paint.
- 41. Per detail 14/S403 provide and install plates, angles and fastners at masonry walls.(Layout by BP 4)

ROOFING BP 7 ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site by phase.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list per phase.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with it's sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses, and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the following items(but not limited to these items) associated with the Roofing work or reasonably inferable to complete the Roofing scope:

Roofing BP 7 ADDENDUM 1

- 1. Specification Section 07 54 19 Fully Adhered PVC Roofing
- 2. Specification Section 07 54 20 Induction Welded Polyvinyl-Chloride(PVC) Roofing
- 3. Specification Section 07 62 00 Sheet Metal Flashing and Trim
- 4. Specification Section 07 71 00 Roof Specialties
- 5. Specification Section 07 72 00 Roof Accessories
- 6. Installation per PHASE.
- 7. Roof expansions per drawing
- 8. Roof Sheathing including visqueen and nailbase
- Demolition of existing roofing called out on AD 203 Note 22 including the removal of demolished materials off site. Coordinate the removal of the roof to protect the areas below the roof when exposed. Provide necessary protection for areas below.
- 10. Flash parapet walls, curbs, penetrations, drains, skylights, roof hatch-coordinate with the BP 4 and BP 7A
- 11. Aluminum copings, fascia, gutters, downspouts, counterflashing
- 12. Provide and install roof hatches
- 13. Coordination with Electrical, Plumbing, Kitchen supplier and HVAC trades for roof penetrations. This contractor will flash and or seal roof curbs/penetrations supplied by other trades after the roofing has been installed per phase.
- 14. Included is the cleaning and hoisting of waste materials from roofing operations to the project dumpsters.
- 15. Include all lifting / hoisting of own materials
- 16. Complete transition from new roofs to existing
- 17. All sheet flashing, trim, adhesives, sealants, termination bars, fasteners, scuppers, roof expansion joints, splash blocks, and misc. accessories.
- 18. Installation of the Acoustic batts in Acoustic deck 4/S404(Supplied by BP 5)
- 19. Walkway roof pavers
- 20. Patching of existing roof where Owner coordinated items are removed by phase.

ADDENDUM 2

- 21. Scheduling Manufacturer's final roof inspection and forward report to Wurster Construction.
- 22. Protect the existing building, new structure and site from damage during contractor's installations.
- 23. Safety per OSHA for the roofing work. This includes but is not limited to safety rails, leading edge warning devices and trained watchmen if required.
- 24. Include any permits, as-builts, and testing as necessary and required.
- 25. Warranty per contract documents
- 26. Temporary protection of weather and safety in included in this scope.

ADDENDUM 1 added line items:

- 27. Allowance- to be included in the contract amount \$75,000.00
- 28. Furnish and install down spouts and splash blocks
- 29. Cut the metal deck at location provided by BP 11 for kitchen equipment(Exhaust Fans curbs).

ADDENDUM 2 added line items:

ADDENDUM 3 added line items:

30. Furnish and install down spouts and connection to turnups for underground storm lines.

METAL PANELS BP 7A ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site per phase.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists per phase including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction, the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to it's work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road / parking lot clean up for debris tracked into adjacent areas by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses, and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(But not limited to these items) associated with the Metal Panel work or reasonably inferable to complete the Metal Panel scope:

Metal Panels BP 7A ADDENDUM 1

1. Specification Section 07 42 43 Metal Composite Material Wall Panels ADDENDUM 2

2. Specification Section 07 42 53 Metal Wall and Soffit Panels ADDENDUM 3

- 3. Required access panels in soffits for mechanical and electrical access.
- Flashing and accessories for metal panels to adjacent materials. Example (typical) details 7 & 9 on A415 item 4
 20 00F
- 5. Remove excess materials from site after use
- 6. Protect the existing building, new structure and site from damage during contractor's installations.
- 7. Include any permits and as-builts per phase.
- 8. Required hoisting and equipment to install the Metal Panels/Soffits per phase.
- 9. Phasing per the project schedule and delivery of material per phase.

ADDENDUM 1 added line items:

10. Furnish and include the column wraps detail 8/A441 and canopy soffit details 1 & 2/A410.

ALUMINUM & GLAZING BP 8

ADDENDUM 1 – no change

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all equipment and hand tools as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats and hard soled work boots are required on the project at all times. Eye protection must be worn when required under the OSHA standard.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(but not limited to these items) associated with the Aluminum & Glazing work or reasonably inferable to complete the Aluminum & Glazing scope:

Aluminum & Glazing BP 8

ADDENDUM 1- No Change

- 1. Specification Section 08 41 13 Aluminum-Framed Entrances and Storefronts ADDENDUM 2
- 2. Specification Section 07 92 00 Joint Sealants(For Aluminum BP Scope) ADDENDUM 3
- 3. Specification section 08 80 00 Glazing
- 4. Specification Section 08 88 53 Security Glazing
- Delivery and Installation by Phase
- 6. Opening Sizes to be verified prior to fabrication
- 7. Provide and install specified Bullet Resistant Glass
- 8. Aluminum Storefront doors & Hardware per plans and specs(Excludes Cores)
- 9. Aluminum Storefront windows per plans and specs, including flashing of windows(head and sill).
- 10. Borrowed Lites including in Wood and HM Doors
- 11. All exterior perimeter caulking of windows and storefront.
- 12. Furnish and install the flashing at foundations and storefront.
- 13. Demolition of windows shown on AD201D, AD201E, AD202 and AD203 item 8 per phase.
- 14. Included is furnishing and installation of the automatic doors and operators and coordination with the Owners security vendor.
- 15. Installation of hardware of aluminum entrances per phase.
- 16. Contractor is to protect the existing building and site from damage during removal of debris.
- 17. Contractor is to provide fall protection, per OSHA standards
- 18. Cleanup to be daily to the project dumpsters

DOORS & HARDWARE BP 8A

ADDENDUM 1 – no change

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, equipment, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site by phase.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 15 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Specifically soil and concrete testing. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.

- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.
- 21. There will be at least four punchlists per phase including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with it's sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to it's work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work
- 25. This subcontractor will be responsible for daily road / parking lot clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.

Specific Scope Items – Include the below items(But not limited to these items) associated with the Doors & Hardware work or reasonably inferable to complete the Doors & Hardware scope:

Doors & Hardware BP 8A

ADDENDUM 1-no change

ADDENDUM 2

- 1. Specification Section 08 11 13 Hollow Metal Doors & Frames
- 2. Specification Section 08 14 19 Flush Wood Doors
- 3. Specification Section 08 71 00 Door Hardware
- 4. Specification Section 08 71 00a Door Hardware Index
- 5. Furnish door frames and borrow light frames per phase. Deliver the frames to the floor where they will be installed. BP 9 will install the frames.
- 6. Required hoisting of materials to the floor where they will be installed.
- 7. Reference drawing A501 & A502 for the door and frame schedule.
- 8. Cleaning to be completed on a daily basis. Removal of all packaging to the dumpster on site.
- 9.BP 8A will supply the cores for the Aluminum Hardware
- 10. All hardware to be installed on the door slabs in the vendors shop prior to delivery. Verify proper hardware and deliver by phase.
- 11. Installation of the doors in frames installed by BP 9. Removal of any packing material to the on site dumpsters-daily. BP 1 will receive, hoist and install all frames, wood doors and hollow metal doors. BP 8A will coordinate the deliveries by phase for these materials.
- 12. Allowances:
 - a. General Allowance-Include \$50,000

Metal Studs, Drywall, Insulation and Acoustical Ceilings BP 9

ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement.
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses and hard soled work boots are required on the project at all times. All material must be stored according to manufacturer's requirements.
- 27. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(but not limited to these items)associated with the Metal Studs, Drywall, Insulation and Acoustical Ceilings work or reasonably inferable to complete the Metal Studs, Drywall, Insulation & Acoustical Ceilings scope:

Metal Studs, Drywall, Insulation and Acoustical Ceilings BP 9

ADDENDUM 1

Specification Section 05 40 00 Cold-Formed Metal Framing

- 1. Specification Section 06 16 43 Glass-Mat Gypsum Wall Sheathing
- 2. Specification Section 07 27 26 Fluid-applied Membrane Air Barriers
- 3. Specification Section 09 22 16 Non-Structural Metal Framing
- 4. Specification Section 09 29 00 Gypsum Board
- Specification Section 09 51 13 Acoustical Panel Ceilings
 Specification Section 09 77 23 Fabric-Wrapped Panels
 Specification Section 09 84 33 Sound Absorbing Wall Units
- 6. Interior framing systems including furring
- 7. Interior gypsum board, trim, and joint treatment
- 8. Acoustical ceiling grid complete and pads
- 9. Install access panels in drywall supplied by other trades.
- 10. Wall layout from WCCI supplied control
- 11. Framing for ceiling of canopy.
- 12. Exterior walls including Tyvek and fluid applied air barrier
- 13. Perimeter insulation with vapor barrier-including rigid insulation applied to sheathing or behind the metal panels and veneer masonry; 1&3/A401 or 1-4/A402(Typical) If rigid insulation is attached to metal Studs/Sheathing it is in this BP 9.
- 14. Clean-up and removal of own materials to dumpster on a daily basis.
- 15. Protect the existing building, new structure and site from damage during contractor's installations.
- 16. Install the metal door frames and borrow light frames(Supplied by BP #8a and delivered to the floor where located). Hollow Metal Door Frames and borrow lite frames will be installed by BP 1.
- 17. Include any permits and as-builts per phase.
- 18. Labor for Exterior Trim, Siding, Windows, Soffit Trim

ADDENDOW I

ADDENDUM 2
ADDENDUM 3

$\begin{tabular}{ll} \textbf{Hamilton Southeastern School Fishers Elementary} \\ \textbf{CSO} \end{tabular}$

- 19. Materials to be delivered to the site per phase.
- 20. Daily cleanup to project dumpsters
- 21. Allowance to be included in this BP contract amount:
 - a. General Allowance \$75,000.00

ADDENDUM 1 added line items:

22. Furnish and install the ceiling clouds dtl 1/A425 and called out on CC1/CC2 on A900. Provide and install AXIUM @ ceilings

ADDENDUM 2 added line items:

23.

FLOORING & TILE BP 9A ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement.
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all equipment and hand tools as required for the completion of their work.
- 5. Receive all material by PHASE, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations & PHASES. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists per PHASE including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(but not limited to these items) associated with the Flooring & Tile work or reasonably inferable to complete the Flooring & Tile scope:

Flooring & Tile BP 9A

ADDENDUM 1

- Specification Section 09 30 00 Tiling
- 2. Specification Section 09 64 00 Wood Flooring
- 3. Specification Section 09 65 13 Resilient Base and Accessories
- 4. Specification Section 09 65 19 Resilient Tile Flooring
- 5. Specification Section 09 65 23 Luxury Vinyl Tile Flooring
- 6. Specification Section 09 65 36 Static-Control Resilient Flooring
- 7. Specification Section 09 67 23 Resinous Flooring
- 8. Specification Section 09 67 66 Fluid- Applied Athletic Flooring
- 9. Specification Section 09 68 13 Tile Carpeting
- 10. Walk-off carpet tile
- 11. Ceramic Flooring
- 12. Wall Tile- This contractor will evaluate the wall surface prior to installing tile and accept the surface.
- 13. Include Floor Prep- Including glue removal in renovated areas. Subcontractor will evaluate floor prior to starting and accept the floor.
- 14. Minor floor patching including crack patching(Include 1000 LF)
- 15. If temporary lighting is not sufficient for a quality installation this contractor will supply the required lighting.
- 16. Construction cleaning
- 17. Metal Edge Strips / Transitions
- 18. Protection of tile flooring when complete
- 19. Testing of the concrete per phase to meet moisture requirements of glue/flooring materials.
- 20. Crack isolation membrane
- 21. Multiple mobilizations to meet the project schedule phases.
- 22. Furnish and install per phase the rubber treads and risers
- 23. Furnish and install per phase the rubber tile flooring
- 24. Furnish and install per phase the Poured Urethane Flooring

ADDENDUM 2
ADDENDUM 3

- 25. Furnish and Install per phase the Solid wood planking
- 26. Furnish and install per phase Epoxy Flooring and Base. Any required air moving equipment to disperse the odor. Install after hours?
- 27. Furnish and install per phase the Tile Flooring, Base and wall tile.
- 28. Allowance-To be included in this BP's contract amount:
 - a. General Allowance \$20,000

ADDENDUM 1 added line items:

29.Including the striping of Gym floor per A910 30.Protection of the kitchen flooring after installation.

Painting, Wallcovering & Staining BP 9B

ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all equipment and hand tools as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 15 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner per phase.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with it's sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats and hard soled work boots are required on the project at all times. Eye protection must be worn when required under the OSHA standard.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include items(but not limited to these items) associated with the Painting/Wall Covering and Staining work or reasonably inferable to complete the Painting/Wall Covering and Staining scope:

Painting, Wall Covering and Staining BP 9B

ADDENDUM 1

1. Specification Section 09 72 15 Digital Wall Coverings

ADDENDUM 2
ADDENDUM 3

- 2. Specification Section 09 91 23 Interior Painting
- 3. Specification Section 09 93 00 Staining and Transparent Finishing
- 4. Specification Section 09 96 00 High-performance Coatings
- 5. Specification Section 07 92 00 Joint Sealants for door frames
- 6. Evaluate and accept surfaces prior to starting this scope of work.
- 7. Painting interior walls and ceilings per plans
- 8. Paint doors, paint and caulk door frames- (Caulking of Door frames excluded in BP 9B to be provided by BP1)
- 9. Paint exterior metals
- 10. Paint interior stair railings and guardrails
- 11. Paint exposed structure per plans
- 12. Multiple mobilizations to meet the project schedule
- 13. Contractor is to protect the existing building and site from damage during removal of debris.
- 14. Contractor is to provide fall protection, per OSHA standards
- 15. Provide lifts and equipment to complete this scope of work.

Kitchen Equipment BP#11 ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement.
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 19. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.
- 20. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.

- 21. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 22. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 23. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 24. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 25. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses and hard soled work boots are required on the project at all times.
- 26. All material must be stored according to manufacturer's requirements.
- 27. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(but not limited to these items) associated with the Kitchen Equipment work or reasonably inferable to complete the Kitchen Equipment scope:

KITCHEN EQUIPMENT BP 11

ADDENDUM 1

- 1. Specification Section 11 40 00 Food Service Equipment
- **ADDENDUM 2 & ADDENDUM 3**
- 2. Furnish and install the roof curbs for the supplied equipment. Coordinate the installation with the roofing contractor.
- 3. Furnish and install freezer panels to close off the space between the freezer/cooler to walls and ceilings.
- 4. Verification the electrical to supplied equipment matches the power supplied on the electrical drawings.
- 5. Provide on site trips to coordinate and verify the installation of Plumbing and electrical in wall rough-ins prior to the drywall installation.
- 6. Provide startup of the kitchen hood and dishwasher by manufacturer representatives. Coordinate with Plumbing, HVAC and Fire Protection contractors.
- 7. This BP to hang the new hoods.
- 8. Provide the roof curbs for exhaust fans, freezer/cooler condensers, and other equipment to be located on the roof. Provide these curbs and locate for the roofer by 5.1.25.
- 9. Coordinate and layout for the Freezer/Cooler recess with the concrete contractor.
- 10. All other work as outlined in the contract documents included.
- 11. Include any permits and as-builts.
- 12. Caulking/sealants at SS backsplashes to the tile walls
- 13. Delivery of materials to meet the project schedule.
- 14. Demolition and removal of the existing kitchen equipment.

ADDENDUM 1 added line items:

15. Protection of the kitchen equipment after installation till acceptance.

Fire Suppression BP 21 ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement.
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material by PHASE, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with it's sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to it's work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, eye protection and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(but not limited to these items)associated with the Fire Suppression work or reasonably inferable to complete the fire suppression scope:

Fire Suppression BP 21

ADDENDUM 1

1. Specification Section 02 41 11 Utility Demolition – Specific to Fire Suppression ADDENDUM 2

2. Division 20 – Specific to Fire Suppression

ADDENDUM 3

3. Division 21- Fire suppression

Specification Section 07 84 13 Penetration Firestopping-for BP 21

- 4. Furnish and Install the Halon System for the Kitchen Hood installation. Included testing with the Fire Marshall. Includes multiple test of the system and includes the CO2 canisters.
- 5. Demolition of the existing Halon system from the existing kitchen hood.
- 6. Drain the existing system if required to meet scheduled phasing.
- 7. Interior automatic fire sprinkler system by phase. Keep the existing building in operation as the demolition and new phases are constructed.
- 8. Provide and install fire department connection
- 9. Testing on lines installed
- 10. Start at flange inside mechanical room
- 11. Backflow assembly
- 12. Riser with valve, drain, flow switch, test valve, gauge
- 13. Exposed uprights off wet system in Gathering space
- 14. New chrome semi-recessed pendent sprinklers for proper coverage Refer to 21 10 00
- 15. Put new and existing lines back in service
- 16. Protect the existing building, new structure and site from damage during contractor's installations.
- 17. Include any permits, as-builts per phase, and testing as necessary and required.
- 18. Preparing of the existing system for Demolition and maintaining the existing system while the new construction is underway.
- 19. BIM coordination of this BP per BIM Execution Plan 01 31 13
- 20. Design of the Fire Protection System to meet the requirements on FP201 & FP202.
- 21. Firestopping of FP penetrations thru rated assemblies.

- 22. Provide the double detector check valve at the 8" incoming line. Start 12" above the floor for the BP.
- 23. Furnish and install housekeeping pads for this BP.
- 24. Cutting and patching required for this BP.
- 25. Allowance:
 - a. Include an allowance of \$35,000 for unforeseen issues.

ADDENDUM 1 added line items:

26. Provide and install the fire suppression pull station on K500 drawings.

27.Center heads sprinkler heads in ceiling tiles

PLUMBING BP 22 ADDENDUM 1

Attachment #1 – Scope of Work ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement.
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material per phase, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses, and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include items(but not limited to these items) associated with the plumbing work or reasonably inferable to complete the Plumbing scope:

Plumbing BP 22 ADDENDUM 1

1. Division 20- Specific to Plumbing

ADDENDUM 2

2. Division 22-Plumbing

- Specification Section 07 84 13 Penetration Firestopping- for BP 22 Specification Section 07 92 00 Joint Sealants for BP 22
- 3. Disconnecting the existing utilities by phase for plumbing items that are to be demo'd by others.
- 4. Demolition and demolition coordination C101 Note 4 & 21 by BP 22.
- 5. Provide 2 sources of temporary water from the existing building for use during construction.
- 6. Proper disposal and removal of items that can't be put in the dumpster
- 7. Kitchen slab concrete sawing, excavation and removal of concrete and excavated materials off site. Backfill per project specifications and pour concrete back to match adjacent slabs and a minimum of 4" of thickness.(Reference PD 360)
- 8. Draining and removal of the existing Grease interceptor(Reference PD 360)- Furnish and install the new grease interceptor per plans/Specifications.
- 9. Grouting of abandon piping in place as noted(Reference PD 360 Note 2)
- 10. Engineering and layout for plumbing trenches and underslab plumbing.
- 11. Plumbing and utilities to 5' outside of building and final connection. Coordinate with BP #1.
- 12. Provide and locate plumbing sleeves thru foundations. Coordinate the install with BP #1.
- 13. Installation of new plumbing systems complete per the contract documents and phase. Maintain existing systems of occupied areas while adjacent areas are being demolished or constructed.
- 14. Deliveries by phase and required storage off site of materials needed for future phases.
- 15. Plumbing roof curbs and supports
- 16. Excavation for underslab plumbing and backfill by phase. Removal of all excavated materials off site.
- 17. Furnish and install the housekeeping pads for this BP
- 18. Cutting and patching for this BP
- 19. Required access doors for plumbing items.

- CSO
 - 20. Plumbing insulation
 - 21. Roof drains and cleanouts
 - 22. Gas piping by phase
 - 23. Chilled water and hot water supply and return by phase.
 - 24. Refrigerant piping by phase
 - 25. Personnel lifts as necessary for installation of this BP.
 - 26. Furnish and install the Plumbing fixtures
 - 27. Caulking of plumbing fixtures to wall
 - 28. Firestopping by phase for plumbing penetrations in the rated walls.
 - 29. Cutting of metal roof deck for metal roof drain pans. Installation of the roof pans and roof drains and supports.

 Reference A450 and include the 20ga sheet metal sump and the foam cell wrap
 - 30. Core drilling
 - 31. Clean-up and removal of BP 22 materials to dumpster
 - 32. Protect the existing building, new structure and site from damage during contractor's installations.
 - 33. All other work as outlined in the contract documents included.
 - 34. Include any permits, as-builts, tap fees by phase and testing as necessary and required.
 - 35. Required public and private locates prior to excavation.
 - 36. Provide BIM coordination of the Plumbing installations per BIM Execution Plan 01 31 13
 - 37. Allowance to be included in the Scope/Contract amount:
 - a. Plumbing Allowance \$150,000.00

ADDENDUM 1 added line items:

- 38. Note 7 on AD202, AD202D, AD203, Ad201 & AD201E
- 39. Furnish and install joint sealants for plumbing fixtures.
- 40. Detail 2/A450 provide & install the roof penetration housing.
- 41. Review the Kitchen equipment drawings K200 and provide floor sinks at required drains.
- 42. Review the Kitchen equipment drawing for plumbing and gas details.
- 43. Provide protection of the kitchen flooring during plumbing hookup of the equipment.
- 44. Furnish and install the roof curbs/boots for the plumbing and gas penetrations

HVAC BP 23 ADDENDUM 1

Attachment #1 – Scope of Work

ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement.
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material per phase, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses, and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items - Include items(bot not limited to these items) associated with the Mechanical work or reasonably inferable to complete this Mechanical scope:

Mechanical, HVAC, Ductwork & Temperature Controls BP 23

ADDENDUM 1

1. Division 20- Specific to HVAC

ADDENDUM 2 ADDENDUM 3

- 2. Division 23- Heating, Ventilating, And Air Conditioning(HVAC) Specification Section 07 84 13 Penetration Firestopping-For BP 23
- 3. Disconnecting the existing utilities by phase for HVAC items that are to be demo'd by others.
- 4. Proper disposal and removal of items that can't be put in the dumpster
- 5. Installation of new mechanical systems complete per the contract documents and phase. Maintain existing systems of occupied areas while adjacent areas are being demolished or constructed.
- 6. Deliveries by phase and required storage off site of materials needed for future phases.
- 7. AHUs, FTR, chiller, boiler, FCUs and temperature controls by phase. Ensure existing building services remain intact until demolition of the structure so staff and students can use the existing structures.
- 8. Mechanical roof curbs and supports
- 9. Required access doors and drywall coordination for their installation of dampers, filter and maintenance access.
- 10. HVAC insulation-Ductwork & Hydronic Piping
- 11. Chilled water and hot water supply and return
- 12. Refrigerant piping by Phase
- 13. Personnel and equipment lifts as necessary
- 14. Installation of the Kitchen Equipment Hood including coordination with the supplier on startup and testing by the Fire Marshall. (Kitchen Equipment BP to hang the hood)
- 15. Furnish and install louvers-Including Architectural louvers.
- 16. Firestopping by phase for HVAC.
- 17. Equipment start-up and testing by phase
- 18. Cutting of metal roof deck for curbs.
- 19. Air and water balance
- 20. Core drilling
- 21. Clean-up and removal of BP 23 materials to dumpster

CSO

- 22. Protect the existing building, new structure and site from damage during contractor's installations.
- 23. All other work as outlined in the contract documents included.
- 24. Furnish and install the housekeeping pads & hydronic pipe supports(details G & H/M411) for this BP scope.
- 25. Cutting and patching for this scope.
- 26. Firesafing for this BP.
- 27. Include any permits, as-builts, tap fees by phase and testing as necessary and required.
- 28. Required public and private locates prior to excavation.
- 29. Provide BIM coordination of the Mechanical and HVAC Scope per BIM Execution Plan 01 31 13
- 30. Allowance to be included in this Scope/Contract amount:
 - a. Mechanical Allowance \$300,000

ADDENDUM 1 added line items

- 31. Provide and install kitchen hood ductwork per K500 and coordinate the hood install by BP 11
- 32. Protect kitchen flooring during hookup of HVAC.
- 33. Temporary use of the HVAC during construction including temporary filters and extended warranty is included in BP 23.

ELECTRICAL BP 26 ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement.
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material per phase, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with it's sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses, and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – include the below items (but not limited to these items) associated with the electrical work or reasonably inferable to complete the electrical scope:

ELECTRICAL BP 26 ADDENDUM 1

1. Division 26- Electrical

ADDENDUM 2 ADDENDUM 3

- 2. Division 27- Communications
- 3. Division 28- Electronic Safety and Security
 - - Specification Section 07 84 13 Penetration Firestopping-(For BP 26 items)
- 4. Demolition and Demo coordination as noted on C101 and C102
 - a. Notes: 18, 19, 29 & 32
- 5. Demolition and removal from the site the lighting as shown on AD201D, AD201E, AD202, AD203 Note 17 & 31
- 6. Coordination of the electrical for the Food Service Equipment. BP 26 to verify Electrical drawings and K301 drawing are verified with the Equipment requirements.
- 7. Disconnecting the existing utilities that are to be demo'd by others by phase. Maintain electrical in existing school area while adjacent areas are being demolished.
- 8. Coordinate the temporary power and provide the materials and labor to extend the power from the existing facility.
- 9. Provide the labor and material to provide electrical outlets w/in 75' of any location in the new building. Provide a pedestal with 10 outlets per location.
- 10. Provide and locate sleeves thru foundations for electrical by phase.
- 11. Demo of existing electrical devices, panels, light fixtures per phase and removal from the site of Bulbs and ballast.
- 12. Switchgear and panelboards per phase.
- 13. Excavation for site and building underground and removal from the site of excavated spoils.
- 14. Sawing and removal of concrete for items noted in the Kitchen slab. Spoils and demolished concrete to be removed from the site and fill per specifications. BP 26 to patch electrical trenches with concrete to match the existing flooring thickness.
- 15. Coordination and maintain power per phase. Maintain existing systems of occupied areas while adjacent areas are demolished or constructed.

CSO

- 16. Connect temporary power stands per IOSHA.
- 17. Provide electrical service to the jobsite trailers, One -WCCI; 1-BP-1; 1-BP 22; BP 23 and 1-BP-26.
- 18. Install temporary lighting per phase
- 19. Site lighting including light pole bases-Excavation, concrete, reinforcing and finishing. Removal of spoils off site.
- 20. Provide the fuel for the emergency generator testing and then to fill prior to turnover to the Owner.
- 21. Secondary service to building
- 22. Firestopping at rated partitions for the electrical penetrations.
- 23. Removal of spoils from this BP 's excavation.
- 24. Telephone service conduits and tele/cable conduits
- 25. Power to HVAC equipment
- 26. Power and conduits for Theatrical work
- 27. Installation of new electrical, communications (raceway for telephone & date), and fire alarm systems complete per the contract documents
- 28. Equipment start-up and testing by phase
- 29. Clean-up and removal of own materials to dumpster
- 30. Protect the existing building, new structure and site from damage during contractor's installations.
- 31. All other work as outlined in the contract documents included.
- 32. Include any permits, as-builts by phase, and testing as necessary and required.
- 33. Provide locates public and private prior to excavations by phase.
- 34. Hookup of Kitchen Equipment
 - a. Analize Kitchen equipment schedule and power to equipment
- 35. BIM coordination of the electrical per BIM Execution Plan 01 31 13
- 36. Allowance:
 - a. Electrical Allowance \$150,000

ADDENDUM 1- added line items

- 37. Equipment Schedule A900-- Install PS1, PE4, PS4 & WP1 and furnish and install PS5 on A900
- 38. Furnish Temporary power for masonry saws- 2 locations
- 39. Furnish and install the concrete and excavation for the flood lights detail E/E101
- 40. Furnish and install the concrete and excavation at the equipment support stand detail F/E101
- 41. Fire Alarm by phase including testing.

EARTHWORK & UTILITIES BP #31

ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 21 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with it's sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to it's work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include items(but not limited to these items) associated with the Earthwork or reasonably inferable to complete the Earthwork scope.

EARTHWORK & UTILITIES BP #31

ADDENDUM 1

1. Specification Section 02 41 11 Utility Demolition

ADDENDUM 2
ADDENDUM 3

- 2. Division 31- Earthwork
- 3. Division 33- Site Utilities
- 4. Demolition of existing utilities as shown on C101 & C102 including notes:
 - a. Notes 1-34
 - b. Note 5&6 by BP 2
 - c. Note 16, 29, 30-, 31 & 32 by BP1-(Notes 30 & 31 will be by BP 31- C-102 Note 32 is mislabeled and should be Note 31)
 - d. Note 18, 19 & 29 by BP 26
 - e. Note 4 & 21 by BP 22
- 5. Provide engineering and control for utilities and building pads from control provided by Wurster Construction
- 6. Provide all items noted on C401 & C402 for the Stormwater Pollution Prevention Plan and maintain thru-out the construction. Then remove at the conclusion of the project.
- 7. Rough grading and excavation
- 8. Include the excavation to subgrade +/- .10 foot for sidewalks; paving, site concrete and building pad.
- 9. Spoil haul off- any material above the needed materials to balance the site generated by this contractor will be hauled off site
- 10. Backfill
- 11. Furnish and Install the Site Water
 - -Furnish valves at all 8x8 tees and at the hydrants
- 12. Furnish and Install the Site water line for Fire Protection to inside the building and 12" above SOG.
- 13. All sewer/water lines(Except Fire Protection) to 5' outside the building and coordinate final connection with the plumber(BP #22)
- 14. Storm piping including Storm interceptor
- 15. Utility Relocates public & Private by PHASE

CSO

- 16. Tree, shrub, stump removal & Protection as called out on L010
- 17. Remove existing pavement, curbs, and sidewalks per PHASE
- 18. Surface Dewatering for this BP.
- 19. Exterior wall underdrain. Note 11 on S402 including geotextile fabric and #5 stone filtering material.
- 20. Flushing and testing of lines
- 21. Cut and repair of street(Including asphalt-concrete) / sidewalk
- 22. Calling in for utility locates public and private by phase
- 23. Furnish and Install the playground underdrains 2,5 & 6 on L602
- 24. Dust control for the site while this BP is mobilized.
- 25. Protect the existing building, new structure and site from damage during contractor's installations.
- **26.** Include and maintain all erosion control measures by PHASE. Removal of all erosion control items after completion by PHASE and necessary grading of the area. **Temporary seeding and maintenance of erosion control.**
- 27. Include any permits and as-builts as necessary and required by phase.
- 28. Replacement of topsoil in landscape areas per the depths indicated on the contract documents by phase.
- 29. Daily cleaning of property and adjoining roads during earthwork and concrete operations.
- 30. Asphalt paving at utility trenches to meet existing thickness/surface types(City Streets cuts to meet Fishers specifications).
- 31. Temporary traffic control for this contractor work.
- 32. As-builts are to provide 3 dimensional control for all utilities and manholes.
- 33. BIM coordination on the utilities and earthwork scope with other trades.
- 34. Allowance to be included in the BP:
 - a. General allowance \$120,000

ADDENDUM 2 added line items:

35. Reference PHASING PLANS for added scope in the BP 31.

ADDENDUM 3 added line items:

36. Furnish turnups in storm lines at the roof down spouts. BP 7 will make the final connection.

LANDSCAPE BP 32 ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement. Wurster Construction will provide control lines and a benchmark
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 21 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. Furnish and install all work in accordance with the life safety plans and in accordance with hourly fire ratings as required.
- 19. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 20. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.

- 21. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.
- 22. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with it's sub-subcontractors and material suppliers.
- 23. This subcontractor shall be responsible for general conditions as it relates to it's work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 24. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 25. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 26. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses and hard soled work boots are required on the project at all times.
- 27. All material must be stored according to manufacturer's requirements.
- 28. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(but not limited to these items) associated with the Landscape work or reasonably inferable to complete the Landscaping scope:

LANDSCAPE BP 32 ADDENDUM 1

- 1. Specification Section 32 93 00 Turf and Grasses
- 2. Specification Section 32 93 00 Plants
- Included is C101 & C102 Note 26
- 4. Testing of soil prior to seeding is included
- 5. Included is lawn preparation, compaction relief, tilling, and finish grading/raking in preparation for the lawn areas.
- 6. Mulch as called out on the plans
- 7. Multiple trips to meet the project schedule & Phasing.
- 8. Fine grading of the site prior to seeding
- 9. Spoil haul off of spoils
- 10. Add a trip for grading and seeding after the silt fence is removed
- 11. Site Water/maintenance for plantings and lawns-till Project Final Substantial Completion
- 12. Calling in for utility locates-public and private per phase.
- 13. Replacement of topsoil in landscape areas per the depths indicated on the contract documents.
- 14. Cleaning of property and adjoining roads during Landscape work.
- 15. Relocation of noted trees to new location on site see L010.
- 16. Stone maintenance edge detail 5 on L410.
- 17. Include all notes 1-16 on L401 & L402
 - a. Including specifically tree protection of existing trees(Note 15)

ADDENDUM 2 ADDENDUM 3 PAVING & STONE BP 32A ADDENDUM 1

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement.
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 19. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.
- 20. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.

- 21. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 22. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 23. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 24. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 25. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses and hard soled work boots are required on the project at all times.
- 26. All material must be stored according to manufacturer's requirements.
- 27. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items –Include items(But not limited to these items) associated with the Paving or reasonably inferable to complete the Paving scope.

PAVING & STONE BP 32A

ADDENDUM 1

ADDENDUM 3

1. Specification Section 32 11 23 Granular Base (for the BP 32A) ADDENDUM 2

2. Specification Section 32 12 16 Asphalt Paving

3. Specification Section 32 17 23 Paving Markings

- 4. Multiple mobilizations to meet the project phasing
- 5. Asphalt Paving per phase
- 6. Stone base per phase
- 7. Striping per phase
- 8. Handicap signs and parking bumpers per phase-Note detail CO3 on L101 & L102(dtl 8 on L601)
- 9. H/C symbols(6 on L601) and other painted items like cross walk marks.
- 10. Striping to include the basketball areas(Dtl 8 on L602) and the 4 square areas on L402.
- 11. Traffic signage
- 12. Paving standards per the City of Fishers drawings
- 13. Overlay existing parking lot including milling as called out on the plans
- 14. Clean and apply asphalt tack coat
- 15. Surface coarse
- 16. Patch along curbs
- 17. Daily clean up
- 18. Contractor is to protect the existing building and site from damage during.
- 19. Traffic control during the stone and paving operations.
- 20. Multiple striping design installation on the North Parking
- 21. Site signage as noted on L202 notes S01-S06
- 22. Allowance to be included in the pricing of this BP
 - a. General Allowance \$100,000.00

ADDENDUM 2 added line items:

23. Reference PHASDING PLANS for added scope for BP 32A

 $\begin{tabular}{ll} \textbf{Hamilton Southeastern School Fishers Elementary} \\ \textbf{CSO} \end{tabular}$

FENCING BP 32B ADDENDUM 1-No Change

Attachment #1 – ADDENDUM 2

General Subcontract Scope

- 1. Provide all layouts included in this agreement.
- 2. Appoint an on-site safety representative to attend regular site safety meetings held by Wurster Construction.
- 3. There will be no labor increase to the contract amount as a result of any labor rate increases through the course of the project.
- 4. This subcontractor shall provide all ladders, scaffolding, hoisting, and hand lifts as required for the completion of their work.
- 5. Receive all material, including that material supplied by material sub-subcontractors via tailgate delivery at the project site.
- 6. All material deliveries must be scheduled with the Wurster Construction project superintendent three working days in advance.
- 7. Perform clean-up on a daily "as you go" basis. Failure to perform adequate clean-up in compliance with the project superintendent will result in clean up being performed by Wurster Construction and back charged to this subcontractor.
- 8. Any and all taxes, excise, duties, Indiana Gross Sales Tax and assessments in any manner levied, assessed or imposed by any governmental or subdivision or agency having jurisdiction over the work included in this agreement (other than taxes on real property of the owner) shall be the sole responsibility and liability of this subcontractor.
- 9. Provide written warranties, operation and maintenance manuals, training orientations and demonstrations as required in the contract documents as applicable for all work contained in this agreement.
- 10. Furnish and install all work as described within this agreement in accordance with all codes and ordinances and secure all permits, bonds, guarantees as required from agencies having jurisdiction over the work.
- 11. Product literature and shop drawings shall be submitted in the quantities specified within 10 days of receipt of this contract.
- 12. It is the responsibility of this subcontractor to obtain project documents and specifications. Not obtaining all the documents is not cause for extended time or increased costs.
- 13. This subcontractor has reviewed the project schedule and agrees to complete its work within the durations. It is understood that Wurster Construction may schedule work before or after the calendar dates and that this adjustment does not change the allotted durations for activities on the schedule. All overtime or additional manpower necessary to maintain the project schedule will be performed at no additional cost. Any overtime or additional manpower incurred by other trades that is required to regain lost time due to negligence by this subcontractor will be back charged to this subcontractor.
- 14. Perform all tests and inspections as required. Forward all documentation to Wurster Construction.
- 15. Coordinate with other trades to protect existing facilities and prevent damage. If damage occurs, immediately notify the Wurster Construction superintendent.
- 16. Perform field measuring as required.
- 17. Furnish all mock-ups and samples as required per the project documents.
- 18. This subcontractor will perform its own quality control inspections throughout the installation phase of all work. This subcontractor will perform its own punchlist upon completion of the work and will advise the Wurster Construction superintendent when the punchlist is complete and ready for inspection by Wurster Construction, the architect and owner.
- 19. This agreement is not predicated on any specific number of mobilizations to the project. Several mobilizations may be required for phasing work, receipt of materials, adjusting, punch lists, etc.
- 20. There will be at least four punchlists including the subcontractor's punch list, Wurster Construction's punch list, and the architect's punch list and the owner' punch list.

- 21. Should it be determined necessary by Wurster Construction the subcontractor agrees to payment via a joint check agreement with its sub-subcontractors and material suppliers.
- 22. This subcontractor shall be responsible for general conditions as it relates to its work as described in division 1 of the specifications. By signature of this subcontract, the subcontractor warrants they have thoroughly reviewed the contract and contract documents.
- 23. The subcontractor is required to maintain full time supervision on site while their work is being performed (including any night or weekend work.) The subcontractor is also responsible to for maintaining control and supervision of lower tier vendors, subcontractors and suppliers. This person must be acceptable to Wurster Construction and have the authority to speak on behalf of the subcontractor's company for all aspects of the work.
- 24. This subcontractor will be responsible for daily road clean up for debris tracked into adjacent streets by his operations including sweeping.
- 25. All safety equipment for this scope of work, per OSHA standards, is by this subcontractor. Hard hats, safety glasses and hard soled work boots are required on the project at all times.
- 26. All material must be stored according to manufacturer's requirements.
- 27. Initial submission of Job Hazard Analysis and a bi-weekly update to this plan.

Specific Scope Items – Include the below items(but not limited to these items) associate with the Fencing work or reasonably inferable to complete the Fencing scope:

FENCING 32B

ADDENDUM 1- No Change

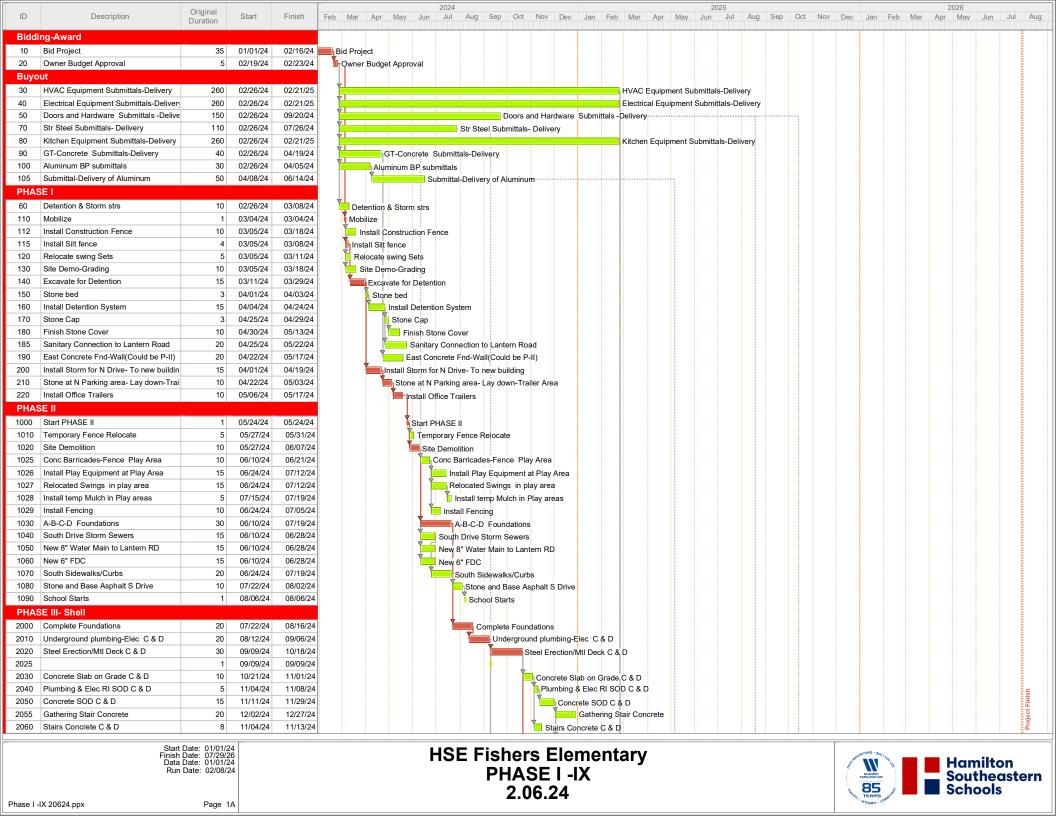
1. Specification Section 32 31 13 Barrier Gates ADDENDUM 2

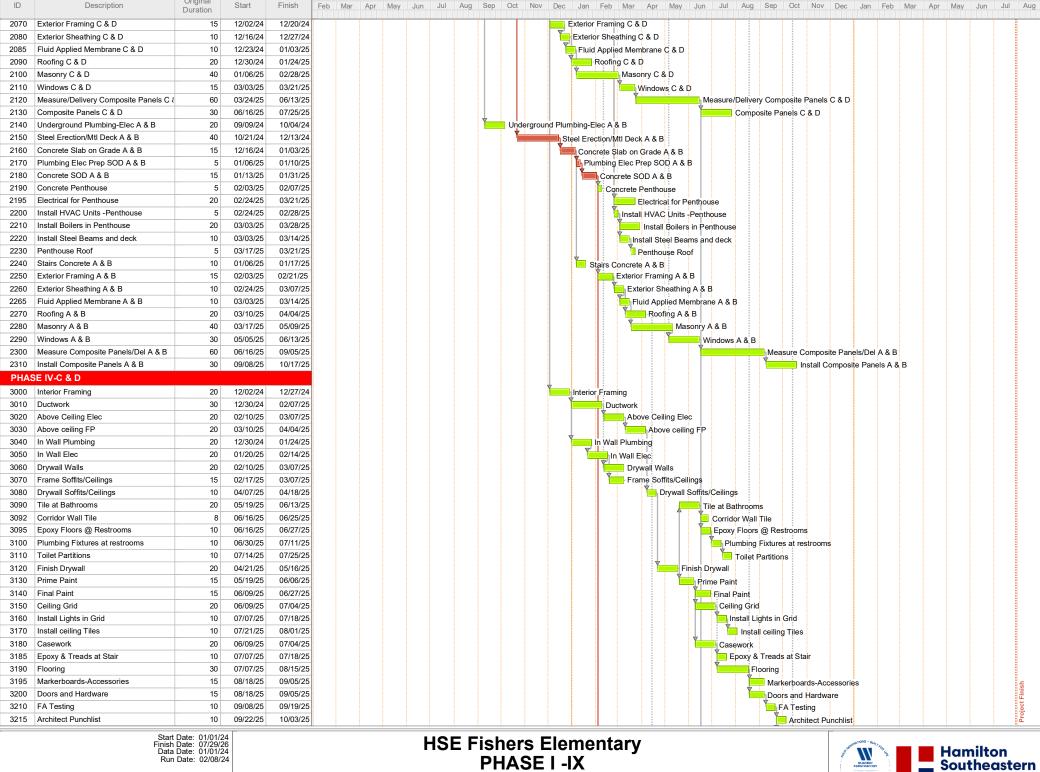
2. Specification Section 32 31 19 Metal Gates ADDENDUM 3

- 3. Furnish and install the new vehicular Swing Gates G04 on L101& L102
- 4. Furnish and Install the 6' chain-link, vinyl coated Black G02 on L101& L102
- 5. Furnish and Install the single swing gate 4'-0" opening G02 on L101 & L102
- 6. Furnish and Install the double lead swing gate, 8'-0" G03 on L101 & L102
- 7. Installation of new wood fence at the dumpster enclosure
- 8. New chain link fence per the contract documents and per the project phasing.
- 9. Utility locates public and private.
- 10. Multiple mobilizations to meet the project schedule.
- 11. Clean-up and removal of own materials to dumpster
- 12. Protect the existing building, new structure and site from damage during contractor's installations.
- 13. Include any permits and as-builts per phase.
- 14. Removal of any spoils for the jobsite.

ADDENDUM 2 added line items:

15. Reference PHASEING Plans for BP 32B work.



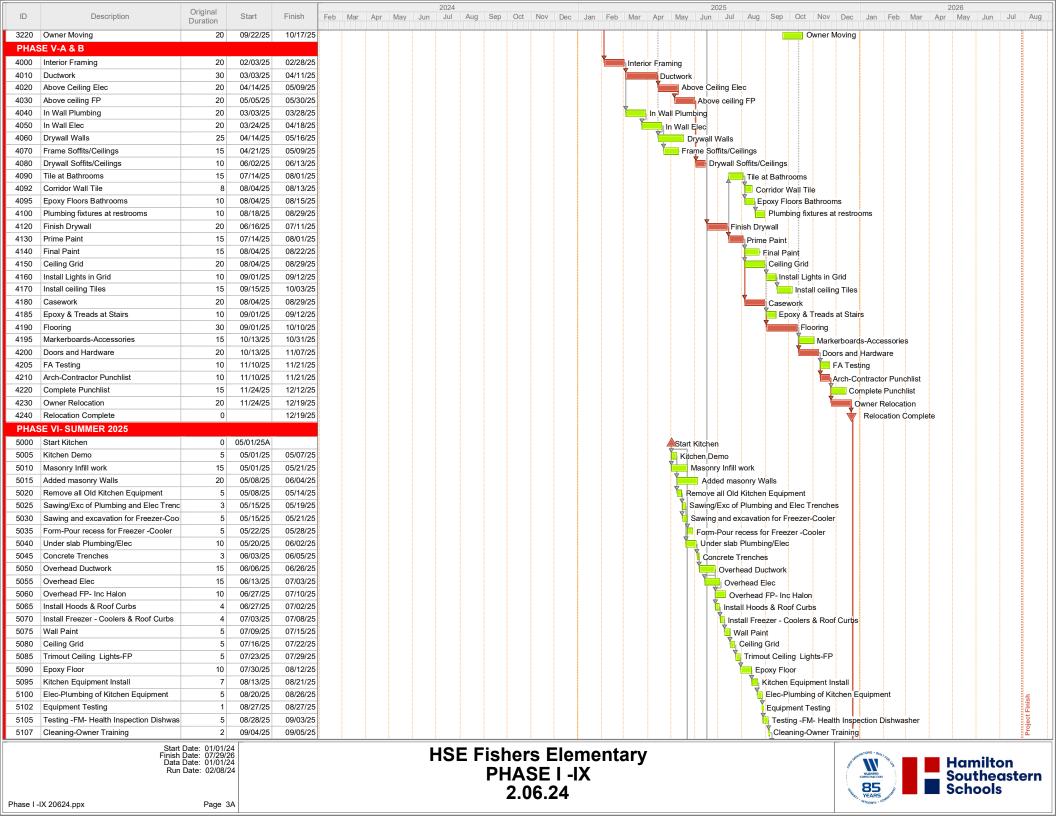


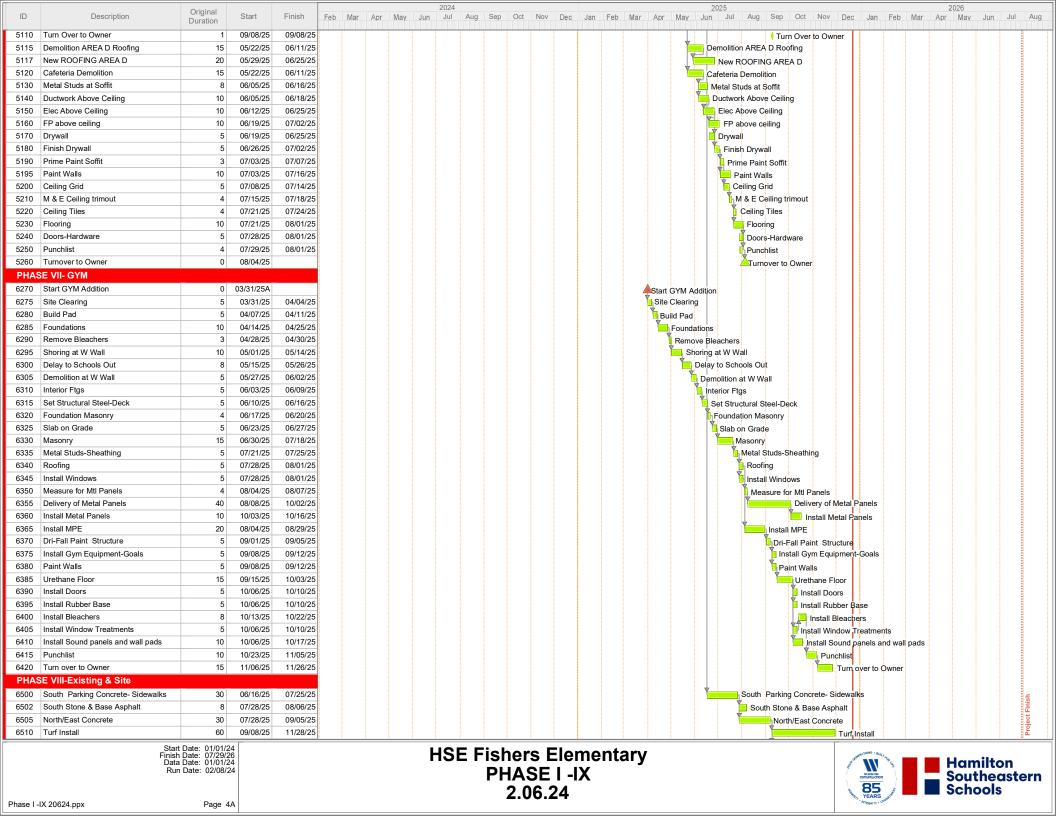
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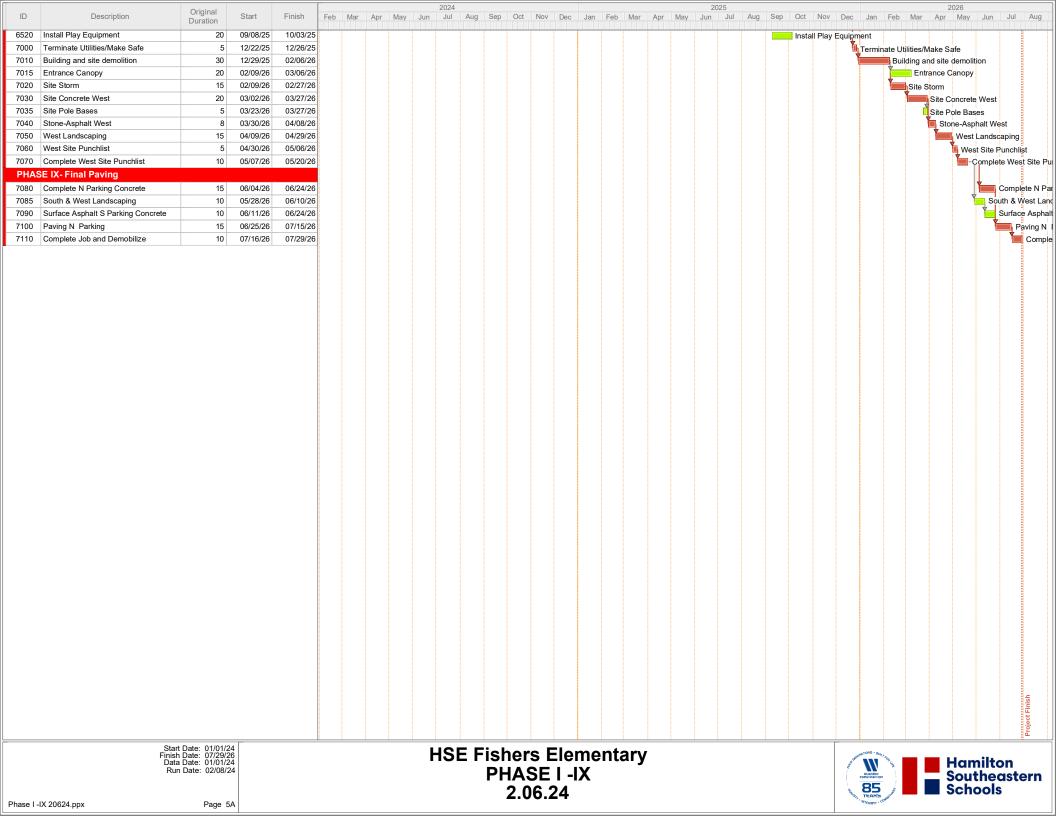
Schools

Original

Page 2A







SITE LOGISTICS LEGEND NOTES: SITE FENCING 1. CONSTRUCTION ENTRANCE (BP 31) REMOVE (2) BOLLARDS **CONSTRUCTION AREA** FOR PHASE OF WORK 2. BP 32B - REMOVE "V" FROM FENCE AND MAKE STRAIGHT DURING THIS PHASE CONSTRUCTION TRAFFIC 3. BP 1 - REMOVE TWO PAIRS OF SWINGS AND SAVE FOR REINSTALLATION 4. STORM DETENTION AND PIPING TO BE INSTALLED COMPLETE IN THE CONSTRUCTION WORK AREA DURING THIS PHASE **CONCRETE JERSEY** BARRIERS WITH 5. (BP 31) - REMOVE PLAY AREA 6X6 WOOD BORDER AND CLEAR MULCH ONTO EXISTING AREA TO LOCATE CONCRETE FENCE ON TOP BARRICADES 6. (BP 31) - CUT SUBGRADE AND ADD 6" OF #2 STONE 20' X 280' FOR CONSTRUCTION ROAD STORM BRIXX UNDERGROUND DETENTION SYSTEM STORAGE VOL. = 42,500 CF ONE (1) LAYER OF HEAVY DUTY MODULES

Phase 1 - March 4, 2024 to May 26th, 2024