ADDENDUM



ADDENDUM NO: 01

BID PACKAGE NO: Kitchen Work Rebid

PROJECT: North and South Decatur Jr. / Sr. High School Additions and Renovations

PROJECT NO: DATE: 02/16/2024 BY: Emery H. M. Hunt

2021061 / 2021062

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.1 Cover Page, pages 1 through 8

Pre-Bid agenda and meeting sign in

Project Schedule

Specifications:

Bid	Form	96

00 11 00	Summary (Dated 2/7/2024)
00 43 33	Schedule of Subcontractors, Manufacturers & Products
00 52 00	A101-2017 Draft
08 71 00	Door Hardware

Drawings: 2021061 - North Decatur Jr. / Sr. High School

C112 – DEMOLITION PLAN

AD201 - FIRST FLOOR DEMOLITION PLAN - UNIT A

A201 - WALL TYPE SCHEDULE & FIRST FLOOR PLAN - UNIT A

A211 - FIRST FLOOR REFLECTED CEILING PLAN UNIT A

A501 – DOOR & WINDOW SCHEDULE, ELEVATION AND DETAILS

A801 - FIRST FLOOR FINISH PLAN - UNIT A

PD101 – UNDERSLAB PLAN – UNIT A – PLUMBING DEMOLITION

PD201 - FIRST FLOOR PLAN - UNIT A - PLUMBING DEMOLITION

P101 - UNDERSLAB PLAN - UNIT A - PLUMBING

P201 - FIRST FLOOR PLAN - UNIT A - PLUMBING

MD221 - ROOF PLAN - UNIT A - MECHANICAL DEMOLITION

T201 – FIRST FLOOR PLAN – UNIT A – TELECOM

<u>Drawings: 2021062 – South Decatur Jr. / Sr. High School</u>

C111 - DEMOLITION PLAN

AD201 - FIRST FLOOR DEMOLITION PLAN - UNIT A

A201 - WALL TYPE SCHEDULE & FIRST FLOOR PLAN - UNIT A

A211 - FIRST FLOOR REFLECTED CEILING PLAN UNIT A



A501 – DOOR & WINDOW SCHEDULE, ELEVATION AND DETAILS

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MD221 - ROOF PLAN - UNIT A - MECHANICAL DEMOLITION

T201 - FIRST FLOOR PLAN - UNIT A - TELECOM

PART 1 - GENERAL INFORMATION

1.1 <u>Scope Clarification</u>

- A. Temporary Serving Line
 - 1. Multiteria Serving Line will be moved into the existing café, electrical contract to provide temporary power as required for complete operation of serving line in temporary location.
- B. ANSIL System at existing kitchen hood.
 - 1. ANSIL System for Kitchen Equipment/Hood is by Koorsen this scope of work shall be by electrical contractor. Koorsen is required to be included in the Electrical Bid Package for the Security and Fire Alarm Installations.
- 1.2 <u>Pre-Bid Agenda and Meeting sign in</u>
 - A. See attached to this addendum

PART 2 - BIDDING REQUIREMENTS

- 2.1 Schedule
 - A. Issue project schedule as part of this addendum

PART 3 - SPECIFICATIONS

- 3.1 <u>Table of Contents:</u>
 - A. Add Item 00 52 00, Form of Agreement, to the ToC
 - B. Delete all Division 23 items.
 - C. Add 26 05 26 Grounding and Bonding for Electrical Systems, to the ToC
 - D. Delete item 26 28 13 Fuses from the ToC

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- E. Delete 28 13 00 Access Control from the ToC
- 3.2 00 11 00 Summary
 - A. Reissue 00 11 00 that is attached to this addendum complete.
- 3.3 <u>00 41 00 FORM 96</u>
 - A. Attach Form 96
- 3.4 <u>00 43 33</u> <u>Schedule of Subcontractors, Manufacturers & Products</u>
 - A. Attached to this addendum
- 3.5 <u>00 52 00 A101-2017</u>
 - A. Attached to this addendum
- 3.6 <u>08 71 00 DOOR HARDWARE</u>
 - A. Reissue specification complete.
- 3.7 <u>SECTION 28 13 00 ELECTRONIC ACCESS CONTROL (EAC) SYSTEM</u>
 - A. Remove Section 28 13 00 in its entirety.

PART 4 - DRAWINGS

2021061 - NORTH DECATUR JR. / SR. HIGH SCHOOL

- 4.1 <u>C112 DEMOLITION PLAN</u>
 - A. Remove note to televise existing sanitary line.
- 4.2 AD201 FIRST FLOOR DEMOLITION PLAN UNIT A
 - A. For the alternate bid, show the serving line storefront and doors completely demolished.
 - B. Revise demo note 68
- 4.3 <u>A201 WALL TYPE SCHEDULE & FIRST FLOOR PLAN UNIT A</u>
 - A. Show alternate bid item for replacement of serving line replacement with new CMU wall and doors.
 - B. Revise note 20

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C. Un-tag doors that where shown to receive access control.

4.4 A211 – FIRST FLOOR REFLECTED CEILING PLAN UNIT A

A. Add in roofing plan and typical details to sheet for kitchen roof.

4.5 <u>A501 – DOOR & WINDOW SCHEDULE, ELEVATION AND DETAILS</u>

- A. Reissue sheet for new doors in alternate bid.
- B. Revise door remarks as shown.

4.6 A801 – FIRST FLOOR FINISH PLAN – UNIT A

- A. No finishes in STORAGE K102, change tag to FN1
- B. Add FN2 to all rooms with quarry tile floor and wall base.

4.7 PD101 – UNDERSLAB PLAN – UNIT A – PLUMBING DEMOLITION

- A. Replace sheet in its entirety.
- B. Floor drain and related piping to remain along column line 36.

4.8 PD101 – UNDERSLAB PLAN – UNIT A – PLUMBING DEMOLITION

- A. Replace sheet in its entirety.
- B. Floor drain and related piping remain along column line 36.

4.9 PD201 – FIRST FLOOR PLAN – UNIT A – PLUMBING DEMOLITION

- A. Replace sheet in its entirety.
- B. Remove gas piping from admin mechanical room to kitchen hood.
- C. Floor drain in dry storage room to remain.
- D. Revise plan note #10.
- E. Add plan note #20 AND #21

4.10 P101 – UNDERSLAB PLAN – UNIT A – PLUMBING

- A. Replace sheet in its entirety.
- B. Floor drain and related piping to remain along column line 36.

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4.11 P201 – FIRST FLOOR PLAN – UNIT A – PLUMBING

- A. Replace sheet in its entirety.
- B. Extend new 4" gas piping from admin mechanical room to kitchen hood. Reconnect 4" gas piping to existing gas piping serving equipment under the kitchen hood. Tie-in location is approximately 45' to the north on the other side of the Teacher's Lounge. Remove and reinstall ACT ceiling as required to install pipe.
- C. Floor drain in dry storage room to remain.
- D. Change gas pipe size for make-up air unit.
- E. Revise plan note #10, 11, 12, 13, and 29.
- F. Add "GAS SERVICE NARRATIVE" to sheet.

4.12 MD221 – ROOF PLAN – UNIT A – MECHANICAL DEMOLITION

A. Add this sheet in its entirety.

4.13 M221 – ROOF PLAN – UNIT A – MECHANICAL

- A. Revise Plan Note 1 to read as follows:
 - "1. APPROXIMATE LOCATION OF EXISTING DRYER VENT. CLEAN FOR REUSE"

4.14 E201 – FIRST FLOOR PLAN – UNIT A – LIGHTING

- A. Clarification: Refer to General Note 2 for lighting scope in Kitchen area. No new fixtures to be provided. However, existing fixtures will need to be carefully removed and re-installed to accommodate mechanical work.
- B. Clarification: Lighting over the serving line is controlled by (2) 3-way switches.

4.15 E211 – FIRST FLOOR PLAN – UNIT A – POWER

- A. Under Alternate Bid to replace storefront glass with masonry wall, remove two (2) receptacles shown on Serving side of storefront glass and respective wiring. Extend wiring to new receptacles at same location in masonry wall.
- B. Delete all power shown for access control systems.

4.16 T201 – FIRST FLOOR PLAN – UNIT A – TELECOM

A. Remove all Electronic Access Control scope from the entrances between the Cafeteria and the Food Line.

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2021062 - SOUTH DECATUR JR. / SR. HIGH SCHOOL

4.1 <u>C111 – DEMOLITION PLAN</u>

- A. Remove note to televise existing sanitary line.
- В.

4.2 AD201 – FIRST FLOOR DEMOLITION PLAN – UNIT A

- A. For the alternate bid, show the serving line storefront and doors completely demolished.
- B. Revise demo note 68

4.3 A201 – WALL TYPE SCHEDULE & FIRST FLOOR PLAN – UNIT A

- A. Show alternate bid item for replacement of serving line replacement with new CMU wall and doors.
- B. Revise note 20
- C. Un-tag doors that where shown to receive access control.

4.4 <u>A211 – FIRST FLOOR REFLECTED CEILING PLAN UNIT A</u>

A. Add in roofing plan and typical details to sheet for kitchen roof.

4.5 <u>A501 – DOOR & WINDOW SCHEDULE, ELEVATION AND DETAILS</u>

- A. Reissue sheet for new doors in alternate bid.
- B. Revise door remarks as shown.

4.6 A801 – FIRST FLOOR FINISH PLAN – UNIT A

- A. No finishes in STORAGE K102, change tag to FN1
- B. Add FN2 to all rooms with quarry tile floor and wall base.

4.7 PD101 – UNDERSLAB PLAN – UNIT A – PLUMBING DEMOLITION

A. Replace sheet in its entirety.

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B. Floor drain and related piping to remain along column line 36.

4.8 <u>PD201 – FIRST FLOOR PLAN – UNIT A – PLUMBING D</u>EMOLITION

- A. Replace sheet in its entirety.
- B. Remove gas piping from admin mechanical room to kitchen hood. Remove gas piping in chase wall serving kitchen equipment.
- C. Floor drain in dry storage room to remain.
- D. Revise plan note #10.
- E. Add plan note #20, #21, and #22

4.9 P101 – UNDERSLAB PLAN – UNIT A – PLUMBING

- A. Floor drain and related piping to remain along column line 36.
- B. Replace sheet in its entirety.

4.10 P201 – FIRST FLOOR PLAN – UNIT A – PLUMBING

- A. Replace sheet in its entirety.
- B. Extend new 2 1/2" gas piping from admin mechanical room to kitchen hood. Route new 2 ½" gas piping in chase wall and connect to kitchen equipment. Tie-in location is approximately 45' to the south on the other side of the Teacher's Lounge. Remove and reinstall ACT ceiling as required to install pipe.
- C. Floor drain in dry storage room to remain.
- D. Change gas pipe size for make-up air unit.
- E. Revise plan note #10, 11, 12, 13, and 29.
- F. Add "GAS SERVICE NARRATIVE" to sheet.

4.11 MD221 – ROOF PLAN – UNIT A – MECHANICAL DEMOLITION

A. Add this sheet in its entirety.

4.12 <u>M221 – ROOF PLAN – UNIT A – MECHANICAL</u>

- A. Revise Plan Note 1 to read as follows:
 - 1. "1. APPROXIMATE LOCATION OF EXISTING DRYER VENT. CLEAN FOR REUSE"

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4.13 E201 – FIRST FLOOR PLAN – UNIT A – LIGHTING

- A. Clarification: Refer to General Note 2 for lighting scope in Kitchen area. No new fixtures to be provided. However, existing fixtures will need to be carefully removed and re-installed to accommodate mechanical work.
- B. Clarification: Lighting over the serving line is controlled by (2) 3-way switches.

4.14 E211 – FIRST FLOOR PLAN – UNIT A – POWER

- A. Under Alternate Bid to replace storefront glass with masonry wall, remove two (2) receptacles shown on Serving side of storefront glass and respective wiring. Extend wiring to new receptacles at same location in masonry wall.
- B. Delete all power shown for access control systems.

4.15 T201 – FIRST FLOOR PLAN – UNIT A – TELECOM

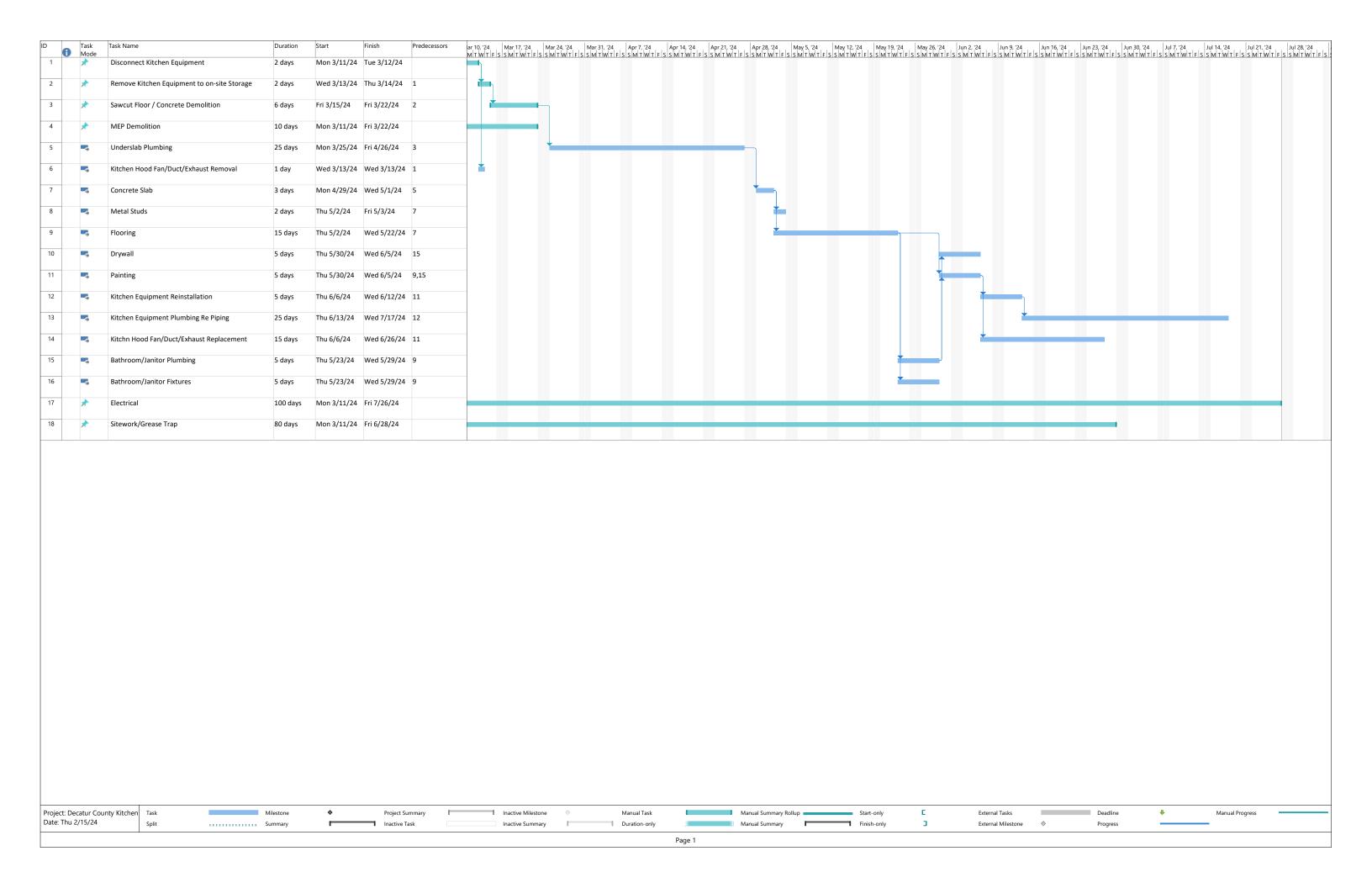
A. Remove all Electronic Access Control scope from the entrances between the Cafeteria and the Food Line.

PART 5 - QUESTIONS AND AWSNERS

- 5.1 <u>Is there new lighting to be installed in the Cafeteria?</u>
 - A. No, lighting shown outside the kitchen is strictly for reference only.
- 5.2 <u>Does quarry tile need to be completely demolished prior to epoxy floor installation?</u>
 - A. Demolished all quarry tile floor and base, patch level and prep floor and wall surface to receive scheduled finishes.
- 5.3 <u>Does the existing kitchen hood need to be removed and reinstalled?</u>
 - A. BP7 will be required to remove the existing kitchen hood, store on site and reinstall in same condition and location.
- 5.4 Panel Board schedules as shown on E601
 - A. Sheet E601 does not have the correct panels. This will be reissued.

END ADDENDUM

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3295 S. Farmers Retreat Rd. Dillsboro, Indiana 47018 Office - 812.654.2968 Fax - 812.654.2745

www.poolegroupinc.com

Decatur County Schools – Kitchen Renovations

2/15/24

Pre-Construction Meeting

Agenda:

- 1. Introductions
 - A. Poole Group, Inc. Construction Manager Jeffery J. Poole
 - B. Decatur County Schools Owner Brian Land
 - C. CSO, Inc. Architect Emery Hunt/Ryan Holtz
 - D. R.E. Dimond Engineers
- 2. Project schedule (March 8th- August 1st)

Work hours: Monday- Saturday 7am-4:00pm (eight-hour days – 6 days/week) We prefer to staff the job Monday – Friday 8 hours per day

- 3. Bi-Weekly project meetings rotated between each site through June. At Each Site Weekly throughout July.
- **4. RFI's** are to be submitted via Procore to the site Project Manager.
- **5.** Progress payments are due to GC the **25th** of the month.
 - A. All pay requests are to be submitted to AIA format or equivalent form
- **6.** As built drawings:
 - A. All contractors are to maintain a set of as bult drawings as work progresses.
 - B. Final as built drawings will be verified with the Project Superintendent.
- **7.** Equipment, Storage, and Trailers
 - A. All contractors need to review equipment/ trailer locations with Poole Group prior to delivery.
 - B. Lay down and trailer area will be on the asphalt parking area (Figure 1 & 2)
 - C. Minimum vehicles will drive on the grass or existing sidewalks. They will remain on the paving.
 - D. On site crane and lift locations will be reviewed with Poole Group prior to the start of their use on this project.
- 8. Clean up



3295 S. Farmers Retreat Rd. Dillsboro, Indiana 47018 Office - 812.654.2968 Fax - 812.654.2745 www.poolegroupinc.com

General Contractor & Masons

- A. All contractors are required to perform their own clean up and are responsible for all removal of said debris from the jobsite. This will be monitored by Poole Group to insure we have a clean and safe project. This includes cleanup of food debris. Dumpsters will be provided by the CM.
- B. Salvage equipment owner retains rights to any equipment prior to demolition beginning.

9. Site Conduct

- A. Proper clothing must be worn on site including shirts with sleeves, no shorts, and work boots. Proper PPE must be worn for construction activities taking place.
- B. Smoking is not permitted.
- C. Inappropriate language is unacceptable.

10. Safety

- A. Contractor Safety/SDS Manuals are to be submitted to Poole Group
- B. Toolbox safety meetings will be weekly, immediately after lunch break on Monday.
- C. Personal background checks will be required for working at the school.

11. Procore – Construction Management Software will be used.

12. Questions/Issues:

The current Multiteria Serving Line is going to be moved approximately 10-15' forward and into the existing cafeterias. Temporary Electric should be included in the Electrical Bid Package

ANSIL System for Kitchen Equipment/Hood is by Koorsen – Confirmed and needs to be included in Electrical BP. Koorsen is required to be included in the Electrical Bid Package for the Security and Fire Alarm Installations. Brian is going to get us a contact and phone number for who the subs need to talk to so we can include.

Do they need to camera the sewer line from tie in at sidewalk to the main by the road? I think this has been confirmed as a No at this time. Brian is this something you want done?

Grease Trap Existing – Brian can you schedule whoever you have to pump the existing traps out prior to March 11th? I think it would be the best way forward rather than trying to include that in the contract.

Grease Trap Venting – This one I wasn't sure how to answer because I assumed that standard detail from the county was alright but a question was brought up concerning a vent for this structure.



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General Contractor & Masons

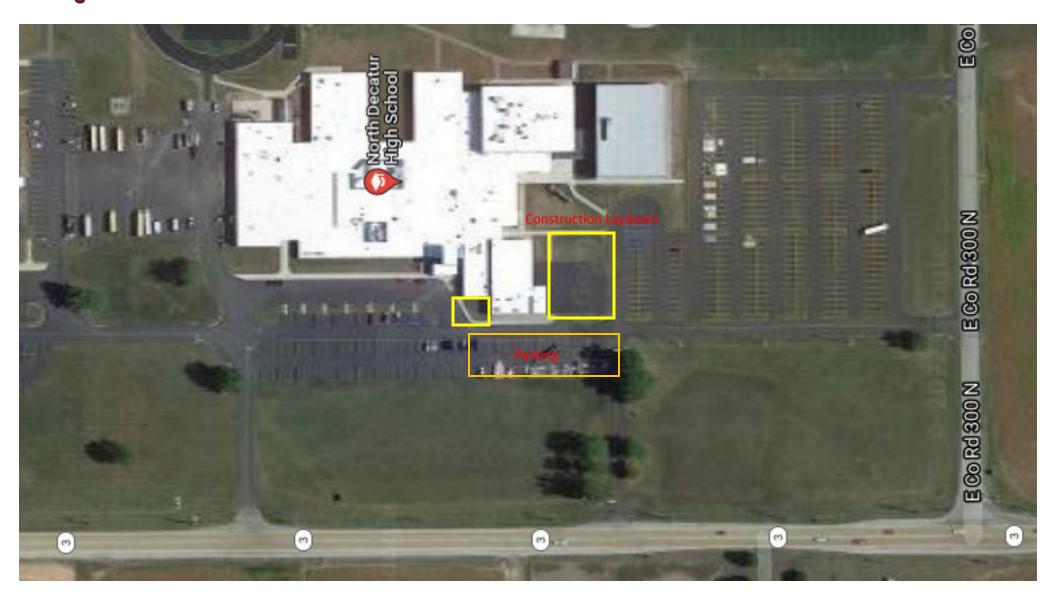
Looking at Section 00 22 00 Supplementary Instructions to Bidders paragraph 1.03.4.2.1, please clarify if the Bid Bond is 5% or 10%.

Looking at Section 01 23 00 Alternates, please verify that Section 114000 Food Service Equipment doesn't have any responsibilities to Alternate #1. I cannot find any information regarding this alternate, other than what is stated in Section 01 23 00.



North Decatur Sr. High

North Decatur Sr. High - Kitchen Renovation





Site Location: 3172 IN – 3, Greensburg, IN 47240



South Decatur Sr. High

South Decatur Sr. High – Kitchen Renovations





Site Location: 8885 IN – 3, Greensburg, IN 47240

NDHS KITCHEN RENOVATION PRE-BID

PLEASE SIGN IN 2/

2/15/24 at 3:30pm

NAME	PHONE	EMAIL
vensteine	812-593-0945	R Meadows Levensteins, Com
rel Reitman	012-375-1543	Prestman Ociacles mech. com
Tell Loub	812-654-2187	Jeffe JLElectricine, com
Игтен Кыссыт	(812) 593-8727	mitch Gishannignanexcassating.com
Randy Riddle	B12-375+543	rwriddle @ Circlermech Com
1 Poole		jpoole @ poole groupinc. com
Brian Land		
Market State Control of the Control		
	4.44	

NDHS KITCHEN RENOVATION PRE-BID

PLEASE SIGN IN 2/

2/15/24 at 3:30pm

NAME	PHONE	EMAIL
vensteine	812-593-0945	R Meadows Levensteins, Com
rel Reitman	012-375-1543	Prestman Ociacles mech. com
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Randy Riddle	B12-375+543	rwriddle @ Circlermech Com
1 Poole		jpoole @ poole groupinc. com
Brian Land		
Market State Control of the Control		
	4.44	

2021061 / 2021062 01 10 00 - SUMMARY

North and South Decatur Jr./ Sr. High School Kitchen Renovations
Decatur County Community Schools

SECTION 01 10 00 - SUMMARY

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:
 - 1. Project information.
 - 2. Work covered by Contract Documents.
 - 3. Access to site.
 - 4. Coordination with occupants.
 - 5. Work restrictions.
 - 6. Specification and drawing conventions.
 - 7. Miscellaneous provisions.

1.03 PROJECT INFORMATION

- A. Project Identification:
 - 1. Project: North and South Decatur Jr. / Sr. High School –Kitchen Renovations
 - a. North Decatur Jr./ Sr. High School -3172 IN-3, Greensburg, Indiana 47240
 - b. South Decatur Jr./ Sr. High School 8885 IN-3, Greensburg, Indiana 47240
- B. Owner: Decatur County Community Schools.
- C. Owner's Representative:
 - 1. Architect: CSO Architects, Inc., 8831 Keystone Crossing, Indiana 46240.
 - 2. Architect's Consultants: The Architect has retained the following design professionals who have prepared designated portions of the Contract Documents:
 - a. N/A.
 - 3. Construction Manger as Constructor: Poole Group, Inc. 3295 S. Farmers Retreat Road, Dillsboro, Indiana 47018

1.04 WORK COVERED BY CONTRACT DOCUMENTS

A. The Work of Project is defined by the Contract Documents and consists of the following:

Decatur County Community Schools

1. **BP-1 General Trades/Concrete/Masonry**

Scope General Clarification Notes (Not all Inclusive refer to drawings)

Includes replacement of concrete for three (3) foot wide trench cut out for Plumbing replacement as depicted on PD101.

01 10 00 - SUMMARY

No Bid Bond or Performance & Payment Bond is required to be turned in with the sealed bid packet. P & P Bond will be by the Construction Manager.

Specification Sections

03 30 00	Cast in Place Concrete
03 35 00	Concrete Surface Treatment
03 54 16	Hydraulic Cement Underlayment
04 20 00	Unit Masonry
05 50 00	Metal Fabrications
06 10 53	Wood Blocking
06 64 00	Plastic Paneling
07 72 00	Roof Accessories
07 84 13	Penetration Firestoping
07 84 46	Fire-Resistive Joint Systems
07 92 00	Joint Sealants
08 31 13	Access Doors and Frames
08 71 00	Door Hardware
09 22 16	Non-Structural Metal Framing
09 29 00	Gypsum Board
09 51 13	Acoustical Panel Ceilings
10 14 23	Panel Signage
10 26 00	Wall and Door Protection
10 28 00	Toilet, Bath and Laundry Accessories
28 13 00	Access Control
31 10 00	Site Demolition
31 20 00	Earth Moving
31 25 13	Erosion Control
32 12 16	Asphalt Paving
32 13 16	Concrete Paving
32 92 00	Seeded Lawn
33 31 00	Sanitary Utility Sewerage Piping

2. **BP-2 Demolition**

Scope General Clarification Notes (Not all inclusive refer to drawings)

No Bid Bond or Performance & Payment Bond is required to be turned in with the sealed bid packet. P & P Bond will be by the Construction Manager.

Sawcutting and removal of concrete to dumpster provide by CMc concrete for three (3) foot wide trench cut out for Plumbing replacement as depicted on PD101.

Removal of all Quarry Tile flooring (including Mud Bed), Ceramic Tile (including mudbed) and VCT flooring in areas to receive EPX3 Finish (Rooms K101B – Dishwashing, K101 – Kitchen, K103, K105 K104 Toilet, K106)

All Kitchen Equipment is to be removed by BP-7 and stored onsite in a Storage Container provided by CMc.

Demolition of Mechanical, Electrical, Plumbing items is by those Trades and is to be included in BP-5 and BP-6.

Alternate 1 – Demolition of the HM Frame, Windows, and Doors.

Specification Sections

02 41 19 Selective Demolition

3. BP-3 Paintings/Coatings

No Bid Bond or Performance & Payment Bond is required to be turned in with the sealed bid packet. P & P Bond will be by the Construction Manager.

09 96 00 High-Performance Coatings

4. BP-4 Flooring

No Bid Bond or Performance & Payment Bond is required to be turned in with the sealed bid packet. P & P Bond will be by the Construction Manager.

09 67 23 Resinous Flooring

5. BP-5 Plumbing/HVAC

No Bid Bond or Performance & Payment Bond is required to be turned in with the sealed bid packet. P & P Bond will be by the Construction Manager.

02 41 19	Selective Demolition (Mechanical Trades Only)
20 00 10	Common Work Results for Fire Suppression, Plumbing & HVAC
20 00 50	Common Materials and Methods for Fire Suppression, Plumbing & HVAC
20 00 60	Common Pipe, Valves and Fittings for Fire Suppression, Plumbing & HVAC
20 01 80	Common Insulation for Plumbing and HVAC
22 11 19	Domestic Water Specialties
22 13 19	Waste Specialties
22 40 00	Plumbing Fixtures
22 63 15	Natural Gas Specialties
23 05 93	Testing and Balancing
23 09 00	HVAC Instrumentation and Controls
23 21 13	Hydronic Piping Systems
23 25 00	HVAC Water Treatment
23 31 13	Metal Ducts
23 33 00	Air Duct Accessories
23 34 23	HVAC Power Ventilators

23 36 00	Air Terminal Units
23 37 13	Diffusers, Registers, Grilles & Louvers
23 74 13	Packaged Rooftop Units
23 82 16	Air Coils
23 82 39	Unit Heaters – Hydronic
23 82 43	Radiant Ceiling Panels – Hydronic

6. BP-6 Electrical

No Bid Bond or Performance & Payment Bond is required to be turned in with the sealed bid packet. P & P Bond will be by the Construction Manager.

0241 19	Selective Demolition (Electrical Trade Only)
26 05 00	Common Work Results for Electrical
26 05 19	Low-Voltage Electrical Power Conductors & Cables
26 05 33	Raceways & Boxes for Electrical Systems
26 05 53	Identification for Electrical Systems
26 27 26	Wiring Devices
26 28 13	Fuses
26 28 16	Enclosed Switches & Circuit Breakers
27 05 00	Common Work Results for Communications
27 05 28	Pathways for Communication Systems
27 05 50	Firestopping for Communications Systems
27 05 53	Identification for Communications
27 08 10	Verification Testing of Structured Cabling
27 15 00	Communications Horizontal Cabling
28 05 00	Common Work Results for Electronic Safety and Security
28 13 00	Access Control
28 20 00	Video Surveillance System (VSS)
28 31 11	Digital, Addressable Fire-Alarm System

7. BP-7 Kitchen Equipment

Scope General Clarification Notes (Not all inclusive refer to drawings)

No Bid Bond or Performance & Payment Bond is required to be turned in with the sealed bid packet. P & P Bond will be by the Construction Manager.

All Kitchen Equipment is to be removed by BP-7 and stored onsite in a Storage Container provided by CMc.

Remove and Replace Hood System to allow for installation of piping throughout Kitchen area.

Specification Sections

02 41 19 Selective Demolition11 4000 Food Service Equipment

B. Type of Contract:

1. This project will be constructed under a CMc contract format.

1.05 PHASED CONSTRUCTION

- A. The Work shall be conducted in phases, with each phase substantially complete as indicated in the Drawings.
- B. Before commencing Work of each phase, submit an updated copy of Contractor's construction schedule showing the sequence, commencement and completion dates, and move-out and -in dates of Owner's personnel for all phases of the Work.

1.06 USE OF PREMISES

- A. Use of Site: Limit use of premises to work in areas indicated. Do not disturb portions of site beyond areas in which the Work is indicated.
 - 1. Limits: Confine constructions operations to areas permitted under the Contract.
 - 2. Owner Occupancy: Allow for Owner occupancy of site/building and use by the public.
 - 3. Driveways and Entrances: Keep driveways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
 - a. Schedule deliveries to minimize use of driveways and entrances.
 - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

1.07 PROJECT SCHEDULE AND COMPLETION

A. Start of Construction: Mobilization and pre-construction activities may begin once contracts are completed and permitting is in place. Site will be available for field measurements and verifications once contracts are in place. Construction to begin at the completion of the academic school year, an academic calendar can be requested from the Owner.

1.08 COORDINATION WITH NEIGHBORS

- A. Cooperate with neighbors during construction operations to minimize conflicts. Perform the Work so as not to interfere with neighbor's day-to-day operations.
 - Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and approval of authorities having jurisdiction.
 - 2. Notify Owner not less than 72 hours in advance of activities that will affect neighbors' operations.

1.09 COORDINATION WITH OCCUPANTS

A. Full Owner Occupancy: Owner will occupy site and building(s) during entire construction period. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's day-to-day operations. Maintain existing exits unless otherwise indicated.

- Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and approval of authorities having jurisdiction.
- 2. Notify Owner not less than 72 hours in advance of activities that will affect Owner's operations.

1.10 WORK RESTRICTIONS

- A. Work Restrictions, General: Comply with restrictions on construction operations.
 - 1. Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.
- B. On-Site Work Hours: Limit work in the existing building to normal business working hours of 7:00 a.m. to 5:00 p.m., Monday through Friday, unless otherwise indicated.
- C. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:
 - 1. Notify Owner not less than two days in advance of proposed utility interruptions.
 - 2. Obtain Owner's written permission before proceeding with utility interruptions.
- D. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner.
 - Notify Owner not less than two days in advance of proposed disruptive operations.
 - 2. Obtain Owner's written permission before proceeding with disruptive operations.
- E. Controlled Substances: Use of tobacco products and other controlled substances not permitted on the school property.
- F. Employee Identification: Provide identification tags for Contractor personnel working on Project site. Require personnel to use identification tags at all times.
- G. Employee Screening: Comply with Owner's requirements for drug and background screening of Contractor personnel working on Project site.

1.11 PROJECT WEB SITE

- A. Project Management Software assigned by Owner will be used on this Project.
- B. CM will establish, maintain, and coordinate the use of "ProCore" electronic Project Software for the Project. Contractor and Subcontractors shall use Project Software for all requested administrative aspects of the Project including, but not limited to: Daily Reports, Project Meeting Minutes, Schedules, Correspondence, Contractors' Proposals, Requests for Information, Submittal Log, Pricing and other project related queries, information and records. When necessary, Contractor shall convert hard copy documents to electronic format appropriate for viewing on the Project Site.

1. Each Contractor shall furnish and maintain facilities and equipment on the project site and in its offsite office to permit access to the Project Site and to electronic mail, and shall provide or arrange for use of such facilities by all its subcontractors or trades as necessary to carry out its Work. Costs associated with any internet connections are solely those of Contractors.

1.12 SPECIFICATION AND DRAWING CONVENTIONS

- A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
 - 1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
 - Specification requirements are to be performed by Contractor unless specifically stated otherwise.
- B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.
- C. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:
 - 1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
 - 2. Abbreviations: Materials and products are identified by abbreviations scheduled on Drawings.
 - 3. Keynoting: Materials and products are identified by reference keynotes referencing Specification Section numbers found in this Project Manual.

1.13 MISCELLANEOUS PROVISIONS

- A. Project Scheduling Parameters: Contractor's Project Schedule shall take into account the following criteria and parameters for Contractor's phasing and sequencing:
 - Owner's school calendar is posted on the District's Website, http://www.dccsc.k12.in.us. The building is an operating elementary school for the school district during days when school is in session and it must continue to be that way during construction. The contractors will need to coordinate deliveries and other construction activities to avoid school activities for the start of school and dismissal.
 - 2. Start of Construction: Work may start once contracts are in place and the school academic year is complete for the summer recess.
 - 3. Time of Completion:
 - a. Preferred Schedule:
 - 1) Work shall be substantially complete by November 1st, 2022.

4. Contractor Parking and Staging: The Owner shall provide reasonable contractor parking and staging locations on site in close proximity to the building.

B. Safety and Exiting:

- All required exits must remain open and usable during construction unless approval is received from the State Fire Marshal and Local Building Officials to allow temporary closure of a required exit.
- 2. If Fire Watches are required to be in place because of construction conditions, then the General Contractor shall pay the associated costs required for this.

C. Regulated Asbestos Removal:

- 1. The Owner will contract directly with an asbestos removal contractor if any regulated asbestos-containing material (RACM) is found.
 - a. Per 326 IAC 14-10-2 (36), "Regulated asbestos-containing material (RACM) means the following: (A) Friable asbestos material. (B) Category I nonfriable ACM that has become friable. (C) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, abrading or burning...The term does not include nonfriable asbestos-containing resilient floor covering materials unless the materials are sanded, bead blasted or mechanically pulverized so that visible asbestos emissions are discharged or the materials are burned. Resilient floor covering materials includes sheet vinyl flooring, resilient tile and associated adhesives."

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION

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

	Date (month, day, year):
	Governmental Unit (Owner):
2	2. County :
4	4. Telephone Number:
į	5. Agent of Bidder <i>(if applicable):</i>
ı	Pursuant to notices given, the undersigned offers to furnish labor and/or material necessary to complete
the publi	c works project of
(Governi	mental Unit) in accordance with plans and specifications prepared by
	and dated for the sum of
	\$
the publi (Governi	5. Agent of Bidder (if applicable): Pursuant to notices given, the undersigned offers to furnish labor and/or material necessary to complete c works project of mental Unit) in accordance with plans and specifications prepared by

The undersigned further agrees to furnish a bond or certified check with this bid for an amount specified in the notice of the letting. If alternative bids apply, the undersigned submits a proposal for each in accordance with the notice. Any addendums attached will be specifically referenced at the applicable page.

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

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

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

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

ACCEPTANCE

	The above bid is acc	cepted this	day of	,, subject to the
followi	ing conditions:			
Contra	acting Authority Membe	ers:		
		····		
	(1	For projects of \$1Í 0	PART II 0,000 or more – IC s	36-1-12-4)
	Governmenta	al Unit:		
	Bidder (Firm)			
	Date (month,	day, year):		
Attach	These statements to additional pages for e			vith and as a part of his bid.
		SECTION I EXP	ERIENCE QUESTI	IONNAIRE
1.	What public works p date of the current b		nization completed fo	or the period of one (1) year prior to the
	Contract Amount	Class of Work	Completion Date	Name and Address of Owner
2.	What public works p	rojects are now in pro	cess of construction	by your organization?
	Contract Amount	Class of Work	Expected Completion Date	Name and Address of Owner

Have you ever failed to complete any work awarded to you?	If so, where and why?
List references from private firms for which you have performed work.	
SECTION II PLAN AND EQUIPMENT QUESTIONNAI	RE
Explain your plan or layout for performing proposed work. (Examples could in you could begin work, complete the project, number of workers, etc. and any believe would enable the governmental unit to consider your bid.)	
Please list the names and addresses of all subcontractors (i.e. persons or firm who have performed part of the work) that you have used on public works proyears along with a brief description of the work done by each subcontractor.	ms outside your own firm ojects during the past five (5

If you intend to sublet any portion of the work, state the name and address of each subcontractor, equipment to be used by the subcontractor, and whether you will require a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.
What equipment do you have available to use for the proposed project? Any equipment to be used by subcontractors may also be required to be listed by the governmental unit.
Have you entered into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which would corroborate the prices listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

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

SECTION IV CONTRACTOR'S NON - COLLUSION AFFIDAVIT

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

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

SECTION V OATH AND AFFIRMATION

CONTAINED IN THE FORESC	AING BID I OIX FOBLIC WO	RKS ARE TRUE AND CORRECT.	
Dated at	this	day of	,
		(Name of Organization)	
	Ву		
		(Title of Person Signing)	
	ACKNOWLED	OGEMENT	
STATE OF)		
COUNTY OF) ss		
COONTT OI	/		
Before me. a Notary Public, pe	rsonally appeared the above	-named	and
swore that the statements cont	ained in the foregoing docun	nent are true and correct.	
Subscribed and sworn to before	e me this day	y of,,	<u></u> .
		Notary Public	
Subscribed and sworn to befor	e me this day	y of,,, Notary Public	_·

My Commission Expires:

County of Residence:

r)
s)
•
-
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2021061 / 2021062 North and South Decatur Jr. / Sr. High School Kitchen Rebid - Full Release Decatur County Community Schools 00 43 33 - SCHEDULE OF SUBCONTRACTORS, MANUFACTURERS AND PRODUCTS

SECTION 00 43 33 - SCHEDULE OF SUBCONTRACTORS, MANUFACTURERS AND PRODUCTS

1.01 SUMMARY

CONTRACTOR:

A. List Subcontractors, Suppliers or Manufacturers and Products to be employed on the Project and send to Architect within 24 hours after receipt of Bids.

List Subcontractors and others proposed to be employed on the above Project as required by the bidding

documents. (To be filled out by the Contractor and returned to the Architect).

DATE:

	•		•	
SPECIF	FICATION SECTION AND TITLE	SUBCONTRACTOR	MANUFACTUR ER/ SUPPLIER	PRODUCT
DIVISION	02 – SITE CONTRUCTION			
02 41 19	SELECTIVE DEMOLITION			
DIVISION	03 – CONCRETE			
03 30 00	CAST IN PLACE CONCRETE			
03 35 00	CONCRETE SURFACE TREATMENT			
03 54 16	HYDRAULIC CEMENT			
	UNDERLAYMENT			
DIVISION	04 - MASONRY			
04 20 00	UNIT MASONRY			
DIVISION	05 - METALS			
05 50 00	METAL FABRICATIONS			
DIVISION	06 - WOOD AND PLASTIC			
06 10 53	WOOD BLOCKING			
06 64 00	PLASTIC PANELING			
DIVISION	07 - THERMAL AND MOISTURE F	PROTECTION		
07 72 00	ROOF ACCESSORIES			
07 84 13	PENETRATION FIRESTOPPING			
07 84 46	FIRE-RESISTIVE JOINT SYSTE	MS		
07 92 00	JOINT SEALANTS			

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DIVISION	08 - DOORS AND WINDOWS		
08 31 13 08 71 00	ACCESS DOORS AND FRAMES DOOR HARDWARE		
DIVISION (09 - FINISHES		
09 96 00	NON-STRUCTURAL METAL FRAMING GYPSUM BOARD ACOUSTICAL PANEL CEILINGS RESINOUS FLOORING HIGH-PERFORMANCE COATINGS		
DIVISION 1	<u>0 - SPECIALTIES</u>		
	PANEL SIGNAGE WALL AND DOOR PROTECTION TOILET, BATH AND LAUNDRY EQUIPMENT		
DIVISION 1	1 - EQUIPMENT		
11 40 00	FOOD SERVICE EQUIPMENT		
DIVISION 1	2 - FURNISHINGS		
12 66 00	TELESCOPING STANDS		
DIVISION 1	3 - SPECIAL CONSTRUCTION		
NOT APPL	ICABLE		
DIVISION 1	4 - CONVEYING SYSTEMS		
NOT APPL	ICABLE		
DIVISION 2	20 – FIRE SUPPRESSION, PLUMBING &	HVAC	
20 00 10	COMMON WORK RESULTS FOR FIRE SUPPRESSION, PLUMBING AND HVAC		
20 00 50	COMMON MATERIALS AND METHODS FOR FIRE SUPPRESSION, PLUMBING AND HVAC		
20 00 60	COMMON PIPE, VALVES AND FITTINGS FOR FIRE SUPPRESSION, PLUMBING AND HVAC		
20 01 80	COMMON INSULATION FOR PLUMBING AND HVAC		

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<u>DIVISION 21 – FIRE SUPPRESSION</u>

NOT APPLICABLE

NOT APPLICABLE				
DIVISION 22 - PLUMBING				
22 11 19 22 13 19 22 40 00 22 63 15	DOMESTIC WATER SPECIALTIES WASTE SPECIALTIES PLUMBING FIXTURES NATURAL GAS SPECIALTIES			
DIVISION 2	<u> 23 – HEATING, VENTILATING, & AIR CO</u>	ONDITIONING (H	IVAC)	
NOT APPL	ICABLE			
DIVISION 2	26 - ELECTRICAL			
26 05 00	COMMON WORK RESULTS FOR ELECTRICAL			
26 05 19	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS & CABLES			
26 05 26	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS			
26 05 33	RACEWAYS & BOXES FOR ELECTRICAL SYSTEMS			
26 05 53	IDENTIFICATION FOR ELECTRICAL SYSTEMS			
26 27 26 26 28 16	WIRING DEVICES ENCLOSED SWITCHES & CIRCUIT			
20 20 .0	BREAKERS			
DIVISION 2	27 - COMMUNICATIONS			
27 05 00	COMMON WORK RESULTS FOR COMMUNICATIONS			
27 05 28	PATHWAYS FOR COMMUNICATION SYSTEMS			
27 05 50	FIRESTOPPING FOR COMMUNICATIONS SYSTEMS			
27 95 53	IDENTIFICATION FOR COMMUNICATIONS			
27 08 10	VERIFICATION TESTING OF STRUCTURED CABLING			
27 15 00	COMMUNICATIONS HORIZONTAL CABLING			
DIVISION 2	28 – ELECTRONIC SAFETY AND SECU	<u>IRTY</u>		
28 05 00	COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND			
28 20 00	SECURITY VIDEO SURVEILLANCE SYSTEM (VSS)			

02/16/2024 ADDENDUM No. 01 00 43 33 - 3

2021061 / 2021062 00 43 33 - SCHEDULE OF North and South Decatur Jr. / Sr. High School SUBCONTRACTORS, Kitchen Rebid - Full Release MANUFACTURERS AND PRODUCTS **Decatur County Community Schools** DIGITAL, ADDRESSABLE 28 31 11 FIRE-ALARM SYSTEM **DIVISION 31 - EARTHWORK** 31 10 00 SITE DEMOLITION 31 20 00 **EARTH MOVING** 31 25 13 **EROSION CONTROL DIVISION 32 - EXTERIOR IMPROVEMENTS** ASPHALT PAVING 32 12 16 32 13 16 CONCRETE PAVING 32 92 00 SEEDED LAWN **DIVISION 33 - UTILITIES** 33 31 00 SANITARY UTILITY SEWERAGE **PIPING**

DRAFT AIA Document A101 - 2017

Standard Form of Agreement Between Owner and Contractor

where the basis of payment is a Stipulated Sum

AGREEMENT made as of the « » day of « » in the year « » (*In words, indicate day, month and year.*)

BETWEEN the Owner:

(Name, legal status, address and other information)

Brownsburg Community School Corporation 310 Stadium Drive Brownsburg, Indiana 46112

and the Contractor:

(Name, legal status, address and other information)

« »« »
« »
« »
« »

for the following Project:

(Name, location and detailed description)

2022 Summer Window Replacements – Cardinal and Delaware Trail Elementary 3590 Hornaday Road, Brownsburg, Indiana 46112 3680 Hornaday Road, Brownsburg, Indiana 46112

The Architect:

(Name, legal status, address and other information)

CSO Architects, Inc. 8831 Keystone Crossing Indianapolis, Indiana 46240

The Owner and Contractor agree as follows.

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An Additions and Deletions Report that notes added information as well as revisions to the standard form text is available from the author and should be reviewed.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

The parties should complete A101®-2017, Exhibit A, Insurance and Bonds, contemporaneously with this Agreement. AIA Document A201®-2017, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.



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TABLE OF ARTICLES

- 1 THE CONTRACT DOCUMENTS
- 2 THE WORK OF THIS CONTRACT
- 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- 4 CONTRACT SUM
- 5 PAYMENTS
- 6 DISPUTE RESOLUTION
- 7 TERMINATION OR SUSPENSION
- 8 MISCELLANEOUS PROVISIONS
- 9 ENUMERATION OF CONTRACT DOCUMENTS

EXHIBIT A INSURANCE AND BONDS

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary, and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement, and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations, or agreements, either written or oral. An enumeration of the Contract Documents, other than a Modification, appears in Article 9.

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ 3.1 The date of commencement of the Work shall be:

(Check one of the following boxes.)

[« »] The date of this Agreement.

[(»] A date set forth in a notice to proceed issued by the Owner.

[« »] Established as follows:
(Insert a date or a means to determine the date of commencement of the Work.)

« »

If a date of commencement of the Work is not selected, then the date of commencement shall be the date of this Agreement.

§ 3.2 The Contract Time shall be measured from the date of commencement of the Work.

§ 3.3 Substantial Completion

§ 3.3.1 Subject to adjustments of the Contract Time as provided in the Contract Documents, the Contractor shall achieve Substantial Completion of the entire Work:

(Check one of the following boxes and complete the necessary information.)

[«]	[« X »] By the following date: « July 26, 2022 »				
§ 3.3.2 Subject to adjustments of the Contract Time as provided in the Contract Documents, if portions of the Work are to be completed prior to Substantial Completion of the entire Work, the Contractor shall achieve Substantial Completion of such portions by the following dates:					
	Portion of Work	Substantial Completion Date			
-	§ 3.3.3 If the Contractor fails to achieve Substantial Completion as provided in this Section 3.3, liquidated damages, if any, shall be assessed as set forth in Section 4.5.				
ARTICLE 4 CONTRACT SUM § 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be « » (\$ « »), subject to additions and deductions as provided in the Contract Documents.					
§ 4.2 Alternates § 4.2.1 Alternates, if any, included in the Contract Sum:					
	Item	Price	1		
execution	abject to the conditions noted below, the follow of this Agreement. Upon acceptance, the Ovlow each alternate and the conditions that m	wner shall issue a Modification to	this Agreement.		
§ 4.3 Allowances, if any, included in the Contract Sum: (Identify each allowance.)					
	Item	Price			
§ 4.4 Unit prices, if any: (Identify the item and state the unit price and quantity limitations, if any, to which the unit price will be applicable.)					
	Item	Units and Limitations	Price per Unit (\$0.00)		
§ 4.5 Liquidated damages, if any: (Insert terms and conditions for liquidated damages, if any.)					
	or acknowledges that the Owner will suffer of		•		

(w) Not later than « » (« ») calendar days from the date of commencement of the Work.

«Contractor acknowledges that the Owner will suffer damages if the Contractor fails to timely achieve the substantial completion of the entire Work by the Substantial Completion Date. Further, Contractor acknowledges that the Owner's damages in the event of such delay will be difficult, if not impossible, to definitely ascertain and quantify at the time of contracting. Therefore, Contractor agrees that if Contractor fails to substantially complete the entire Work on or before the Substantial Completion Date, Contractor shall pay to the Owner as liquidated damages and not as a penalty an amount equal to Two Thousand Five Hundred Dollars (\$2,500.00) per each calendar day beginning on the first calendar day after the Substantial Completion Date that the entire Work is not substantially complete and continuing for each calendar day thereafter that the entire Work is not substantially complete. Contractor hereby waives and relinquishes any claim that the liquidated damages as herein provided are a penalty and agrees that such liquidated damage amount is a fair and reasonable estimate of Owner's damages liquidated herein at the time of

contracting. Owner may deduct such liquidated damages for delay from any unpaid amounts then or thereafter due to the Contractor under the Contract Documents. Any damages not so deducted from any unpaid amounts due the Contractor shall be payable immediately to Owner upon Owner's demand.»

§ 4.6 Other:

(Insert provisions for bonus or other incentives, if any, that might result in a change to the Contract Sum.)

« »

ARTICLE 5 PAYMENTS

§ 5.1 Progress Payments

§ 5.1.1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:

« »

§ 5.1.3 Provided that an Application for Payment is received by the Architect not later than the « fifteenth » day of a month, the Owner shall make payment of the amount certified to the Contractor not later than the « last » day of the « same » month. If an Application for Payment is received by the Architect after the application date fixed above, payment of the amount certified shall be made by the Owner not later than « 45 » («forty-five») days after the Architect receives the Application for Payment.

(Federal, state or local laws may require payment within a certain period of time.)

- § 5.1.4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form, and supported by such data to substantiate its accuracy, as the Architect may require. This schedule of values shall be used as a basis for reviewing the Contractor's Applications for Payment.
- § 5.1.5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.
- § 5.1.6 In accordance with AIA Document A201TM_2017, General Conditions of the Contract for Construction, and subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:
- § 5.1.6.1 The amount of each progress payment shall first include:
 - .1 That portion of the Contract Sum properly allocable to completed Work;
 - .2 That portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction, or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing; and
 - .3 That portion of Construction Change Directives that the Architect determines, in the Architect's professional judgment, to be reasonably justified.
- § 5.1.6.2 The amount of each progress payment shall then be reduced by:
 - .1 The aggregate of any amounts previously paid by the Owner;
 - .2 The amount, if any, for Work that remains uncorrected and for which the Architect has previously withheld a Certificate for Payment as provided in Article 9 of AIA Document A201–2017;
 - Any amount for which the Contractor does not intend to pay a Subcontractor or material supplier, unless the Work has been performed by others the Contractor intends to pay;
 - .4 For Work performed or defects discovered since the last payment application, any amount for which the Architect may withhold payment, or nullify a Certificate of Payment in whole or in part, as provided in Article 9 of AIA Document A201–2017; and
 - .5 Retainage withheld pursuant to Section 5.1.7.

§ 5.1.7 Retainage

§ 5.1.7.1 For each progress payment made prior to Substantial Completion of the Work, the Owner may withhold the following amount, as retainage, from the payment otherwise due:

(Insert a percentage or amount to be withheld as retainage from each Application for Payment. The amount of retainage may be limited by governing law.)

«Five Percent (5%) »

§ 5.1.7.1.1 The following items are not subject to retainage:

(Insert any items not subject to the withholding of retainage, such as general conditions, insurance, etc.)

 $\ll N/A \gg$

§ 5.1.7.2 Reduction or limitation of retainage, if any, shall be as follows:

(If the retainage established in Section 5.1.7.1 is to be modified prior to Substantial Completion of the entire Work, including modifications for Substantial Completion of portions of the Work as provided in Section 3.3.2, insert provisions for such modifications.)

« »

§ 5.1.7.3 Except as set forth in this Section 5.1.7.3, upon Substantial Completion of the Work, the Contractor may submit an Application for Payment that includes the retainage withheld from prior Applications for Payment pursuant to this Section 5.1.7. The Application for Payment submitted at Substantial Completion shall not include retainage as follows:

(Insert any other conditions for release of retainage upon Substantial Completion.)

« »

- **§ 5.1.8** If final completion of the Work is materially delayed through no fault of the Contractor, the Owner shall pay the Contractor any additional amounts in accordance with Article 9 of AIA Document A201–2017.
- § 5.1.9 Except with the Owner's prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

§ 5.2 Final Payment

- § 5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when
 - .1 the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Article 12 of AIA Document A201–2017, and to satisfy other requirements, if any, which extend beyond final payment; and
 - .2 a final Certificate for Payment has been issued by the Architect.
- § 5.2.2 The Owner's final payment to the Contractor shall be made no later than 30 days after the issuance of the Architect's final Certificate for Payment, or as follows:

« »

§ 5.3 Interest

Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.

(Insert rate of interest agreed upon, if any.)

« » % « »

ARTICLE 6 DISPUTE RESOLUTION § 6.1 Not Used

§ 6.2 Binding Dispute Resolution

For any Claim subject to, but not resolved by, mediation pursuant to Article 15 of AIA Document A201–2017, the method of binding dispute resolution shall be as follows: (Check the appropriate box.)

[« »] Arbitration pursuant to Section 15.4 of AIA Document A201–2017

[« X »] Litigation with the exclusive venue of such litigation being the state courts of Hendricks County, Indiana, and the parties hereby waive right to object to this exclusive venue. Each party further consents to the personal jurisdiction by said courts over it and hereby expressly waives, in the case of any such action, any defense thereto based on jurisdiction, venue or forum non conveniens

[**« »**] Other (Specify)

If the Owner and Contractor do not select a method of binding dispute resolution, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.

TERMINATION OR SUSPENSION ARTICLE 7

§ 7.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201-2017.

§ 7.1.1 If the Contract is terminated for the Owner's convenience in accordance with Article 14 of AIA Document A201–2017, then the Owner shall pay the Contractor a termination fee as follows:

(Insert the amount of, or method for determining, the fee, if any, payable to the Contractor following a termination for the Owner's convenience.)

« »

§ 7.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2017.

ARTICLE 8 MISCELLANEOUS PROVISIONS

§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A201–2017 or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.2 The Owner's representative:

(Name, address, email address, and other information)

- « John Voigt, Chief Operations Officer » « Brownsburg Community School Corporation » « 310 Stadium Dr. » « Brownsburg, IN 46112 »
- « »
- « »

§ 8.3 The Contractor's representative:

(Name, address, email address, and other information)

« »

« » « »				
§ 8.4 Neither the Owner's nor the Contractor's representative shall be changed without ten days' prior notice to the other party.				
2017, Standard Form of	the Contractor shall purchase a	nd Contractor where the basi	forth in AIA Document A101 TM —s of payment is a Stipulated Sum,	
§ 8.5.2 The Contractor the Contract Document		n in AIA Document A101 TM _	2017 Exhibit A, and elsewhere in	
§ 8.6 Notice in electronic format, pursuant to Article 1 of AIA Document A201–2017, may be given in accordance with AIA Document E203 TM –2013, Building Information Modeling and Digital Data Exhibit, if completed, or as otherwise set forth below: (If other than in accordance with AIA Document E203–2013, insert requirements for delivering notice in electronic format such as name, title, and email address of the recipient and whether and how the system will be required to generate a read receipt for the transmission.)				
« »				
§ 8.7 Other provisions:				
« »				
ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS § 9.1 This Agreement is comprised of the following documents: .1 AIA Document A101 TM =2017, Standard Form of Agreement Between Owner and Contractor .2 AIA Document A101 TM =2017, Exhibit A, Insurance and Bonds .3 AIA Document A201 TM =2017, General Conditions of the Contract for Construction (Insert the date of the E203-2013 incorporated into this Agreement.)				
.5 Drawing	ŢS.			
Numbe	r	Title	Date	
.6 Specific	ations			
Section		Title	Date Pages	

Portions of Addenda relating to bidding or proposal requirements are not part of the Contract Documents unless the bidding or proposal requirements are also enumerated in this Article 9.

Pages

.8 Other Exhibits:
(Check all boxes that apply and include appropriate information identifying the exhibit where required.)

Date

.7

Addenda, if any:

Number

	[« »] AIA Document E204 TM –2017, Sustainable Projects Exhibit, dated as indicated be (Insert the date of the E204-2017 incorporated into this Agreement.)				ated below:	
		« »				
	[« »]	The Sustainability Plan:				
	Title		Date	Pages _	Pages	
	[« »]	Supplementary and other	Conditions of the Contrac	et:		
	Do	cument	Title	Date	Pages	
(List here any additional documents that are intended to form part of the Document A201 TM _2017 provides that the advertisement or invitation to sample forms, the Contractor's bid or proposal, portions of Addenda relative requirements, and other information furnished by the Owner in anticipative proposals, are not part of the Contract Documents unless enumerated in documents should be listed here only if intended to be part of the Contract « »			invitation to bid, Instru Addenda relating to bid r in anticipation of rece numerated in this Agree	bid, Instructions to Bidders, ating to bidding or proposal tion of receiving bids or this Agreement. Any such		
OWNER (S	Signature)		CONTRACTO	OR (Signature)	1	
« »« »			« »« »			
(Printed n	ame and i	title)	(Printed na	me and title)		

SECTION 08 71 00 - DOOR HARDWARE

GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SUMMARY

- A. Section includes:
 - 1. Mechanical and electrified door hardware for:
 - a. Swinging doors.
 - 2. Electronic access control system components, including:
 - a. Electronic access control devices.
 - 3. Field verification, preparation and modification of existing doors and frames to receive new door hardware.
 - 4. The intent of the hardware specification is to specify the hardware for interior and exterior doors, and to establish a type, continuity, and standard of quality. However, it is the door hardware supplier's responsibility to thoroughly review existing conditions, schedules, specifications, drawings, and other Contract Documents to verify the suitability of the hardware specified.
- B. Exclusions: Unless specifically listed in hardware sets, hardware is not specified in this section for:
 - 1. Windows
 - 2. Cabinets (casework), including locks in cabinets
 - 3. Signage
 - 4. Toilet accessories
 - 5. Overhead doors

C. Related Sections:

- 1. Division 01 Section "Alternates" for alternates affecting this section.
- 2. Division 07 Section "Joint Sealants" for sealant requirements applicable to threshold installation specified in this section.
- 3. Division 09 sections for touchup, finishing or refinishing of existing openings modified by this section.
- 4. Division 26 sections for connections to electrical power system and for low-voltage wiring.

5. Division 28 sections for coordination with other components of electronic access control system.

1.03 REFERENCES

A. UL - Underwriters Laboratories

- 1. UL 10B Fire Test of Door Assemblies
- 2. UL 10C Positive Pressure Test of Fire Door Assemblies
- 3. UL 1784 Air Leakage Tests of Door Assemblies
- 4. UL 305 Panic Hardware

B. DHI - Door and Hardware Institute

- 1. Sequence and Format for the Hardware Schedule
- 2. Recommended Locations for Builders Hardware
- 3. Key Systems and Nomenclature

C. ANSI - American National Standards Institute

 ANSI/BHMA A156.1 - A156.29, and ANSI/BHMA A156.31 - Standards for Hardware and Specialties

1.04 SUBMITTALS

A. General:

- 1. Submit in accordance with Conditions of Contract and Division 01 requirements.
- 2. Highlight, encircle, or otherwise specifically identify on submittals deviations from Contract Documents, issues of incompatibility or other issues which may detrimentally affect the Work.
- 3. Prior to forwarding submittal, comply with procedures for verifying existing door and frame compatibility for new hardware, as specified in PART 3, "EXAMINATION" article, herein.

B. Action Submittals:

- 1. Product Data: Technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
- 2. Riser and Wiring Diagrams: After final approval of hardware schedule, submit details of electrified door hardware, indicating:
 - a. Wiring Diagrams: For power, signal, and control wiring and including:
 - 1) Details of interface of electrified door hardware and building safety and security systems.
 - 2) Schematic diagram of systems that interface with electrified door hardware.
 - 3) Point-to-point wiring.
 - 4) Risers.

- 3. Samples for Verification: If requested by Architect, submit production sample or sample installations of each type of exposed hardware unit in finish indicated, and tagged with full description for coordination with schedule.
 - Samples will be returned to supplier. Units that are acceptable to Architect may, after final check of operations, be incorporated into Work, within limitations of key coordination requirements.
- 4. Door Hardware Schedule: Submit schedule with hardware sets in vertical format as illustrated by Sequence of Format for the Hardware Schedule as published by the Door and Hardware Institute. Indicate complete designations of each item required for each door or opening, include:
 - a. Door Index; include door number, heading number, and Architects hardware set
 - b. Opening Lock Function Spreadsheet: List locking device and function for each opening.
 - c. Quantity, type, style, function, size, and finish of each hardware item.
 - d. Name and manufacturer of each item.
 - e. Fastenings and other pertinent information.
 - f. Location of each hardware set cross-referenced to indications on Drawings.
 - g. Explanation of all abbreviations, symbols, and codes contained in schedule.
 - h. Mounting locations for hardware.
 - i. Door and frame sizes and materials.
 - j. Name and phone number for local manufacturer's representative for each product.
 - k. Operational Description of openings with any electrified hardware (locks, exits, electromagnetic locks, electric strikes, automatic operators, door position switches, magnetic holders or closer/holder units, and access control components). Operational description should include operational descriptions for: egress, ingress (access), and fire/smoke alarm connections.
 - I. Submittal Sequence: After field verifying existing conditions, submit door hardware schedule, including and noting any adjustments required based on field verification of existing conditions, concurrent with submissions of Product Data, Samples, and Shop Drawings; Coordinate submission of door hardware schedule with scheduling requirements of other work to facilitate fabrication of other work that is critical in Project construction schedule.

5. Key Schedule:

- a. After Keying Conference, provide keying schedule listing levels of keying as well as explanation of key system's function, key symbols used and door numbers controlled.
- b. Use ANSI/BHMA A156.28 "Recommended Practices for Keying Systems" as guideline for nomenclature, definitions, and approach for selecting optimal keying system.
- c. Provide 3 copies of keying schedule for review prepared and detailed in accordance with referenced DHI publication. Include schematic keying diagram and index each key to unique door designations.
- d. Index keying schedule by door number, keyset, hardware heading number, cross keying instructions, and special key stamping instructions.
- e. Provide one complete bitting list of key cuts and one key system schematic illustrating system usage and expansion.
 - 1) Forward bitting list, key cuts and key system schematic directly to Owner, by means as directed by Owner.

- f. Prepare key schedule by or under supervision of supplier, detailing Owner's final keying instructions for locks.
- 6. Templates: After final approval of hardware schedule, provide templates for doors, frames and other work specified to be factory or shop prepared for door hardware installation.

C. Informational Submittals:

- 1. Qualification Data: For Supplier, Installer and Architectural Hardware Consultant.
- 2. Product data for electrified door hardware:
 - a. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.

3. Certificates of Compliance:

- a. UL listings for fire-rated hardware and installation instructions if requested by Architect or Authority Having Jurisdiction.
- Installer Training Meeting Certification: Letter of compliance, signed by Contractor, attesting to completion of installer training meeting specified in "QUALITY ASSURANCE" article, herein.
- c. Electrified Hardware Coordination Conference Certification: Letter of compliance, signed by Contractor, attesting to completion of electrified hardware coordination conference, specified in "QUALITY ASSURANCE" article, herein.
- 4. Warranty: Special warranty specified in this Section.

D. Closeout Submittals:

- 1. Operations and Maintenance Data: Provide in accordance with Division 01 and include:
 - a. Complete information on care, maintenance, and adjustment; data on repair and replacement parts, and information on preservation of finishes.
 - b. Catalog pages for each product.
 - c. Factory order acknowledgement numbers (for warranty and service)
 - d. Name, address, and phone number of local representative for each manufacturer.
 - e. Parts list for each product.
 - f. Final approved hardware schedule, edited to reflect conditions as-installed.
 - g. Final keying schedule
 - h. Copies of floor plans with keying nomenclature
 - As-installed wiring diagrams for each opening connected to power, both low voltage and 110 volts.
 - j. Copy of warranties including appropriate reference numbers for manufacturers to identify project.

1.05 QUALITY ASSURANCE

A. Requirements of Regulatory Agencies:

1. Furnish finish hardware to comply with the requirements of laws, codes, ordinances, and regulations of the governmental authorities having jurisdiction where such requirements exceed the requirements of the Specifications.

- 2. Furnish finish hardware to comply with the requirements of the regulations for public building accommodations for physically handicapped persons of the governmental authority having jurisdiction and to comply with Americans with Disabilities Act.
- Provide hardware for fire rated openings in compliance with NFPA 80 and state and local building code requirements. Provide only hardware that has been tested and listed by UL for types and sizes of doors required and complies with requirements of door and door frame labels.

B. Supplier:

1. Mechanical Hardware

- a. Shall be an established firm dealing in contract builders' hardware. Distributor must have adequate inventory, qualified personnel on staff and be located within 100 miles of the project. The distributor must be a factory-authorized dealer for all materials required. The supplier shall be or have in employment an Architectural Hardware Consultant (AHC).
- b. Door Hardware distributor/supplier listed on the Bid Form shall be a factory authorized distributor for the hardware specified. This requirement will not be allowed to be med by a non-factory authorized dealer subcontracting to a factory authorized dealer. Any submitted bid that attempts to circumvent this requirement will be considered non-response and will be removed from consideration.

2. Electrified Hardware:

- a. Shall be an experienced door hardware supplier who has completed projects with electrified door hardware similar in material, design, and extent to that indicated for this project, whose work has resulted in construction with a record of successful inservice performance, and who is acceptable to manufacturer of primary materials. The supplier must be a factory-authorized distributor for all materials required.
- b. Shall prepare data for electrified door hardware, including shop drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this project.
- Shall have experience in providing consulting services for electrified door hardware installations.

C. Installer Qualifications:

- Qualified tradesmen, skilled in application of commercial grade hardware with record of successful in-service performance for installing door hardware similar in quantity, type, and quality to that indicated for this Project.
- D. Architectural Hardware Consultant Qualifications: Person who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project and meets these requirements:
 - 1. For door hardware, DHI-certified, Architectural Hardware Consultant (AHC).
 - 2. Can provide installation and technical data to Architect and other related subcontractors.
 - 3. Can inspect and verify components are in working order upon completion of installation.
 - 4. Capable of producing wiring diagrams.
 - 5. Capable of coordinating installation of electrified hardware with Architect and electrical engineers.
- E. Single Source Responsibility: Obtain each type of door hardware from single manufacturer.

- F. Fire-Rated Door Openings: Provide door hardware for fire-rated openings that complies with NFPA 80 and requirements of authorities having jurisdiction. Provide only items of door hardware that are listed products tested by Underwriters Laboratories, Intertek Testing Services, or other testing and inspecting organizations acceptable to authorities having jurisdiction for use on types and sizes of doors indicated, based on testing at positive pressure and according to NFPA 252 or UL 10C and in compliance with requirements of fire-rated door and door frame labels.
- G. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by testing agency acceptable to authorities having jurisdiction.
- H. Accessibility Requirements: For door hardware on doors in an accessible route, comply with governing accessibility regulations cited in "REFERENCES" article, herein.

I. Field Verification Conference

- 1. To ensure design intent can be met after verification of existing conditions, conduct an onsite door by door review of the submittal
- 2. Conduct the meeting with the architect and the owner to complete a final verification of how each door will function, including product to be supplied.

J. Keying Conference

- 1. Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including:
 - a. Function of building, flow of traffic, purpose of each area, degree of security required, and plans for future expansion.
 - b. Preliminary key system schematic diagram.
 - c. Requirements for key control system.
 - d. Requirements for access control.
 - e. Address for delivery of keys.
- 2. Attendees of Keying Conference: Owner, Contractor, Architect, Installer, Owner's security consultant and Supplier's Architectural Hardware Consultant.

K. Pre-installation Conference

- 1. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
- 2. Inspect and discuss preparatory work performed by other trades.
- 3. Inspect and discuss electrical roughing-in for electrified door hardware.
- 4. Review sequence of operation for each type of electrified door hardware.
- 5. Review required testing, inspecting, and certifying procedures.

L. Coordination Conferences:

- Installation Coordination Conference: Prior to hardware installation, schedule and hold meeting to review questions or concerns related to proper installation and adjustment of door hardware.
- 2. Electrified Hardware Coordination Conference: Prior to ordering electrified hardware, schedule and hold meeting to coordinate door hardware with security, electrical, doors and frames, and other related suppliers.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for hardware delivered to Project site.
- B. Tag each item or package separately with identification coordinated with final door hardware schedule, and include installation instructions, templates, and necessary fasteners with each item or package.
 - 1. Deliver each article of hardware in manufacturer's original packaging.

C. Project Conditions:

- 1. Maintain manufacturer-recommended environmental conditions throughout storage and installation periods.
- 2. Provide secure lock-up for door hardware delivered to Project. Control handling and installation of hardware items so that completion of Work will not be delayed by hardware losses both before and after installation.

D. Protection and Damage:

- 1. Promptly replace products damaged during shipping.
- 2. Handle hardware in manner to avoid damage, marring, or scratching. Correct, replace or repair products damaged during Work.
- 3. Protect products against malfunction due to paint, solvent, cleanser, or any chemical agent.
- E. Deliver keys to manufacturer of key control system for subsequent delivery to Owner.

1.07 COORDINATION

- A. Coordinate layout and installation of floor-recessed door hardware with floor construction. Cast anchoring inserts into concrete.
- B. Installation Templates: Distribute for doors, frames, and other work specified to be factory or shop prepared. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- C. Security: Coordinate installation of door hardware, access control, and keying with Owner's security consultant.
- D. Electrical System Roughing-In: Coordinate layout and installation of electrified door hardware with connections to power supplies and building safety and security systems.
- E. Existing Openings: Where existing doors, frames and/or hardware are to remain, field verify existing functions, conditions and preparations and coordinate to suit opening conditions and to provide proper door operation.

1.08 WARRANTY

- A. Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Beginning from date of Substantial Completion, for durations indicated.
 - a. Closers:
 - 1) Mechanical: 30 years.
 - b. Exit Devices:
 - 1) Mechanical: 3 years.
 - 2) Electrified: 1 year.
 - c. Locksets:
 - 1) Mechanical: 3 years
 - d. Continuous Hinges: Lifetime warranty.
 - e. Key Blanks: Lifetime
 - 2. Warranty does not cover damage or faulty operation due to improper installation, improper use or abuse.

1.09 MAINTENANCE

A. Maintenance Tools: Furnish complete set of special tools required for maintenance and adjustment of hardware, including changing of cylinders.

PRODUCTS

2.01 MANUFACTURERS

- A. The Owner requires use of certain products for their unique characteristics and project suitability to insure continuity of existing and future performance and maintenance standards. After investigating available product offerings, the Awarding Authority has elected to prepare proprietary specifications. These products are specified with the notation: "No Substitute."
 - 1. Where "No Substitute" is noted, submittals and substitution requests for other products will not be considered.
- B. Approval of manufacturers and/or products other than those listed as "Scheduled Manufacturer" or "Acceptable Manufacturers" in the individual article for the product category shall be in accordance with QUALITY ASSURANCE article, herein.
- C. Approval of products from manufacturers indicated in "Acceptable Manufacturers" is contingent upon those products providing all functions and features and meeting all requirements of scheduled manufacturer's product.

D. Where specified hardware is not adaptable to finished shape or size of members requiring hardware, furnish suitable types having same operation and quality as type specified, subject to Architect's approval.

2.02 MATERIALS

A. Fasteners

- 1. Provide hardware manufactured to conform to published templates, generally prepared for machine screw installation.
- 2. Furnish screws for installation with each hardware item. Finish exposed (exposed under any condition) screws to match hardware finish, or, if exposed in surfaces of other work, to match finish of this other work including prepared for paint surfaces to receive painted finish
- 3. Provide concealed fasteners for hardware units exposed when door is closed except when no standard units of type specified are available with concealed fasteners. Do not use thru-bolts for installation where bolt head or nut on opposite face is exposed in other work unless thru-bolts are required to fasten hardware securely. Review door specification and advise Architect if thru-bolts are required.
- 4. Install hardware with fasteners provided by hardware manufacturer.
- B. Modification and Preparation of Existing Doors: Where existing door hardware is indicated to be removed and reinstalled.
 - 1. Provide necessary fillers, Dutchmen, reinforcements, and fasteners, compatible with existing materials, as required for mounting new opening hardware and to cover existing door and frame preparations.
 - 2. Use materials which match materials of adjacent modified areas.
 - 3. When modifying existing fire-rated openings, provide materials permitted by NFPA 80 as required to maintain fire-rating.
- Provide screws, bolts, expansion shields, drop plates and other devices necessary for hardware installation.
 - 1. Where fasteners are exposed to view: Finish to match adjacent door hardware material.

2.03 HINGES

- A. Manufacturers and Products:
 - 1. Scheduled Manufacturer and Product: Ives 5BB series.
 - 2. Acceptable Manufacturers and Products: Hager BB series (ECBB series not approved), McKinney TA/T4A series (MacPro series not approved).

- 1. Provide hinges conforming to ANSI/BHMA A156.1.
- 2. 1-3/4 inch (44 mm) thick doors, up to and including 36 inches (914 mm) wide:
 - a. Exterior: Standard weight, bronze or stainless steel, 4-1/2 inches (114 mm) high
 - b. Interior: Standard weight, steel, 4-1/2 inches (114 mm) high

- 3. 1-3/4 inch (44 mm) thick doors over 36 inches (914 mm) wide:
 - a. Exterior: Heavy weight, bronze/stainless steel, 5 inches (127 mm) high
 - b. Interior: Heavy weight, steel, 5 inches (127 mm) high
- 4. 2 inches or thicker doors:
 - a. Exterior: Heavy weight, bronze or stainless steel, 5 inches (127 mm) high
 - b. Interior: Heavy weight, steel, 5 inches (127 mm) high
- 5. Provide three hinges per door leaf for doors 90 inches (2286 mm) or less in height, and one additional hinge for each 30 inches (762 mm) of additional door height.
- 6. Where new hinges are specified for existing doors or existing frames, provide new hinges of identical size to hinge preparation present in existing door or existing frame.
- 7. Hinge Pins: Except as otherwise indicated, provide hinge pins as follows:
 - a. Steel Hinges: Steel pins
 - b. Non-Ferrous Hinges: Stainless steel pins
 - c. Out-Swinging Exterior Doors: Non-removable pins
 - d. Out-Swinging Interior Lockable Doors: Non-removable pins
 - e. Interior Non-lockable Doors: Non-rising pins
- 8. Width of hinges: 4-1/2 inches (114 mm) at 1-3/4 inch (44 mm) thick doors, and 5 inches (127 mm) at 2 inches (51 mm) or thicker doors. Adjust hinge width as required for door, frame, and wall conditions to allow proper degree of opening.

2.04 CONTINUOUS HINGES

- A. Aluminum Geared
 - 1. Manufacturers:
 - a. Scheduled Manufacturer: Ives.
 - b. Acceptable Manufacturers: Pemko, Select.
 - 2. Requirements:
 - a. Provide aluminum geared continuous hinges conforming to ANSI/BHMA A156.26, Grade 1.
 - b. Provide aluminum geared continuous hinges, where specified in the hardware sets, fabricated from 6063-T6 aluminum.
 - Provide split nylon bearings at each hinge knuckle for quiet, smooth, self-lubricating operation.
 - d. Provide hinges capable of supporting door weights up to 450 pounds, and successfully tested for 1,500,000 cycles.
 - e. On fire-rated doors, provide aluminum geared continuous hinges that are classified for use on rated doors by testing agency acceptable to authority having jurisdiction.
 - f. Install hinges with fasteners supplied by manufacturer.
 - g. Provide hinges 1 inch (25 mm) shorter in length than nominal height of door, unless otherwise noted or door details require shorter length and with symmetrical hole pattern.

2.05 ELECTRIC POWER TRANSFER

A. Manufacturers:

- a. Scheduled Manufacturer: Von Duprin EPT-10.
- b. Acceptable Manufacturers: No Substitutions Facility Standard.
- B. Provide power transfer with electrified options as scheduled in the hardware sets. Provide with number and gage of wires sufficient to accommodate electric function of specified hardware.
- C. Locate electric power transfer per manufacturer's template and UL requirements, unless interference with operation of door or other hardware items.

2.06 FLUSH BOLTS

A. Manufacturers:

- 1. Scheduled Manufacturer: Ives.
- 2. Acceptable Manufacturers: Burns, Rockwood.

B. Requirements:

 Provide automatic, constant latching, and manual flush bolts with forged bronze or stainless-steel face plates, extruded brass levers, and with wrought brass guides and strikes. Provide 12 inch (305 mm) steel or brass rods at doors up to 90 inches (2286 mm) in height. For doors over 90 inches (2286 mm) in height increase top rods by 6 inches (152 mm) for each additional 6 inches (152 mm) of door height. Provide dust-proof strikes at each bottom flush bolt.

2.07 COORDINATORS

A. Manufacturers:

- 1. Scheduled Manufacturer: Ives.
- 2. Acceptable Manufacturers: Rockwood, Trimco.

B. Requirements:

- 1. Where pairs of doors are equipped with automatic flush bolts, an astragal, or other hardware that requires synchronized closing of the doors, provide bar-type coordinating device, surface applied to underside of stop at frame head.
- Provide filler bar of correct length for unit to span entire width of opening, and appropriate brackets for parallel arm door closers, surface vertical rod exit device strikes or other stop mounted hardware. Factory-prepared coordinators for vertical rod devices as specified.

2.08 MORTISE LOCKS

A. Manufacturers and Products:

- 1. Scheduled Manufacturer and Product: Best 45H series.
- 2. Acceptable Manufacturers and Products: No Substitutions Facility Standard.

B. Requirements:

- Provide mortise locks conforming to ANSI/BHMA A156.13 Series 1000, Grade 1, and UL Listed for 3 hour fire doors.
- 2. Indicators: Where specified, provide indicator window measuring a minimum 2 inch x 1/2 inch with 180 degree visibility. Provide messages color-coded with full text and/or symbols, as scheduled, for easy visibility.
 - a. Inside Security Indicator: Provide indicator above cylinder or thumbturn for visibility during lockdown that identifies the outside trim as locked/unlocked status of the door.
 - b. Outside Status Indicator: Provide indicator above cylinder for visibility that identifies the outside trim as locked/unlocked status of the door.
 - c. Outside Occupancy Indicator: Provide indicator above cylinder or emergency release for visibility while operating the lock that identifies an occupied/unoccupied status of the lock or latch.
- 3. Provide locks manufactured from heavy gauge steel, containing components of steel with a zinc dichromate plating for corrosion resistance.
- 4. Provide lock case that is multi-function and field reversible for handing without opening case. Cylinders: Refer to "KEYING" article, herein.
- 5. Verify lock functions with owner prior to ordering.
- 6. Install thumb turns so they are in vertical position when doors are unlocked and in horizontal position when doors are locked.
- 7. Install thumb turns so they are in vertical position when doors are unlocked and in horizontal position when doors are locked.
- 8. Provide locks with standard 2-3/4 inches (70 mm) backset with full 3/4 inch (19 mm) throw stainless steel mechanical anti-friction latchbolt. Provide deadbolt with full 1 inch (25 mm) throw, constructed of stainless steel.
- 9. Provide standard ASA strikes unless extended lip strikes are necessary to protect trim.
- 10. Provide electrified options as scheduled in the hardware sets. Where scheduled, provide switches and sensors integrated into the locks and latches.
- 11. Lever Trim: Solid brass, bronze, or stainless steel, cast or forged in design specified, with wrought roses and external lever spring cages. Provide thru-bolted levers with 2-piece spindles.
 - a. Lever Design: Verify and match existing lever style.
 - b. Tactile Warning (Knurling): Where required by authority having jurisdiction. Provide on levers on exterior (secure side) of doors serving rooms considered to be hazardous.

2.09 CYLINDRICAL LOCKS - GRADE 1

- A. Manufacturers and Products:
 - Scheduled Manufacturer and Product: Best 9K Series.
 - 2. Acceptable Manufacturers and Products: No Substitutions Facility Standard.
- B. Requirements:

- 1. Provide cylindrical locks conforming to ANSI/BHMA A156.2 Series 4000, Grade 1, and UL Listed for 3 hour fire doors.
- 2. Cylinders: Refer to "KEYING" article, herein.
- 3. Verify lock functions with owner prior to ordering.
- 4. Provide locks with standard 2-3/4 inches (70 mm) backset, unless noted otherwise, with 1/2 inch latch throw. Provide proper latch throw for UL listing at pairs.
- 5. Provide locksets with separate anti-rotation thru-bolts, and no exposed screws.
- 6. Provide independently operating levers with two external return spring cassettes mounted under roses to prevent lever sag.
- 7. Provide standard ASA strikes unless extended lip strikes are necessary to protect trim.
- 8. Lever Trim: Solid cast levers without plastic inserts and wrought roses on both sides.
 - a. Lever Design: Verify and match existing lever style.
 - b. Tactile Warning (Knurling): Where required by authority having jurisdiction. Provide on levers on exterior (secure side) of doors serving rooms considered to be hazardous.

2.10 AUXILIARY LOCKS

A. Deadlocks:

- 1. Manufacturers and Products:
 - a. Scheduled Manufacturer and Product: Best 48H Series.
 - b. Acceptable Manufacturers and Products: No Substitutions Facility Standard.

2. Requirements:

- a. Provide mortise deadlock series conforming to ANSI/BHMA A156 and function as specified.
- b. Cylinders: Refer to "KEYING" article, herein.
- c. Provide deadlocks with standard 2-3/4 inches (70 mm) backset. Provide deadbolt with full 1 inch (25 mm) throw, constructed of stainless steel.
- d. Provide manufacturer's standard strike.

2.11 EXIT DEVICES

A. Manufacturers and Products:

- 1. Scheduled Manufacturer and Product: Von Duprin 99/33A series.
- 2. Acceptable Manufacturers and Products: No Substitutions Facility Standard.

- Provide exit devices tested to ANSI/BHMA A156.3 Grade 1 and UL listed for Panic Exit or Fire Exit Hardware.
- 2. Cylinders: Refer to "KEYING" article, herein.
- 3. Verify exit device functions with owner prior to ordering.
- 4. Provide touchpad type exit devices, fabricated of brass, bronze, stainless steel, or aluminum, plated to standard architectural finishes to match balance of door hardware.
- 5. Touchpad must extend a minimum of one half of door width. No plastic inserts are allowed in touchpads.

- 6. Provide exit devices with deadlatching feature for security and for future addition of alarm kits and/or other electrified requirements.
- 7. Provide flush end caps for exit devices.
- 8. Provide exit devices with manufacturer's approved strikes.
- 9. Provide exit devices cut to door width and height. Install exit devices at height recommended by exit device manufacturer, allowable by governing building codes, and approved by Architect.
- 10. Mount mechanism case flush on face of doors, or provide spacers to fill gaps behind devices. Where glass trim or molding projects off face of door, provide glass bead kits.
- 11. Provide cylinder or hex-key dogging as specified at non fire-rated openings.
- 12. Removable Mullions: 2 inches (51 mm) x 3 inches (76 mm) steel tube. Where scheduled as keyed removable mullion, provide type that can be removed by use of a keyed cylinder, which is self-locking when re-installed.
- 13. Provide factory drilled weep holes for exit devices used in full exterior application, highly corrosive areas, and where noted in hardware sets.
- 14. Provide electrified options as scheduled.
- 15. Top latch mounting: double or single tab mount for steel doors, face mount for aluminum doors eliminating requirement of tabs, and double tab mount for wood doors.
- 16. Provide exit devices with optional trim designs to match other lever and pull designs used on the project.
 - Tactile Warning (Knurling): Where required by authority having jurisdiction. Provide on levers on exterior (secure side) of doors serving rooms considered to be hazardous.

2.12 ELECTRIC STRIKES

A. Manufacturers and Products:

- 1. Scheduled Manufacturer and Product: Von Duprin 6000 Series.
- 2. Acceptable Manufacturers and Products: Folger Adam 300 Series, HES 1006 Series.

B. Requirements:

- 1. Provide electric strikes designed for use with type of locks shown at each opening.
- 2. Provide electric strikes UL Listed as burglary-resistant.
- 3. Where required, provide electric strikes UL Listed for fire doors and frames.
- 4. Provide transformers and rectifiers for each strike as required. Verify voltage with electrical contractor.

2.13 POWER SUPPLIES

A. Manufacturers and Products:

- 1. Scheduled Manufacturer and Product: Schlage or Von Duprin PS900 series
- 2. Acceptable Manufacturers and Products: Precision ELR series, Securitron BPS series

- 1. Provide power supplies, recommended and approved by manufacturer of electrified locking component, for operation of electrified locks, electrified exit devices, magnetic locks, electric strikes, and other components requiring power supply.
- Provide appropriate quantity and size of power supplies necessary for proper operation of
 electrified locking components as recommended by manufacturer of electrified locking
 components with consideration for each electrified component using power supply,
 location of power supply, and approved wiring diagrams. Locate power supplies as
 directed by Architect.
- Provide appropriate option boards for power supplies necessary for proper operation of the electrified locking components as recommended by the manufacturer of the electrified locking components with consideration for each electrified component used in the system.
- 4. Provide regulated and filtered 24 VDC power supply and UL class 2 listed.
- 5. Options:
 - a. Provide power supply, where specified, with internal capability of charging sealed backup batteries 24 VDC, in addition to operating DC load.
 - b. Provide sealed batteries for battery back-up at each power supply where specified.
 - c. Provide keyed power supply cabinet.
- 6. Provide power supply in an enclosure, complete, and requiring 120VAC to fused input.
- 7. Provide power supply with emergency release terminals, where specified, that allow release of all devices upon activation of fire alarm system complete with fire alarm input for initiating "no delay" exiting mode.

2.14 CYLINDERS

A. Manufacturers:

- 1. Scheduled Manufacturer: Best
- 2. Acceptable Manufacturers: No Substitutions Facility Standard.

- Provide cylinders/cores, from the same manufacturer of locksets, compliant with ANSI/BHMA A156.5; latest revision, Section 12, Grade 1; permanent cylinders; cylinder face finished to match lockset, manufacturer's series as indicated. Refer to "KEYING" article, herein.
- 2. Provide cylinders in the below-listed configuration(s), distributed throughout the Project as indicated.
 - a. Match owner's existing system.
 - b. Cylinder/Core Type: Small Format Interchangeable Core (SFIC)
- 3. Nickel silver bottom pins.
- 4. Replaceable Construction Cores.
 - a. Provide temporary construction cores replaceable by permanent cores, furnished in accordance with the following requirements.
 - 1) 2 construction control keys.
 - 2) 12 construction change (day) keys.

2.15 KEYING

A. Provide a factory registered keying system, complying with guidelines in ANSI/BHMA A156.28, incorporating decisions made at keying conference.

B. Requirements:

- 1. Provide keying system capable of multiplex masterkeying.
- 2. Permanent cylinders/cores keyed by the manufacturer according to the following key system.
 - a. Keying system as directed by the Owner.
 - b. Match Owner's existing system.
 - c. (Great)Grand Master Key System: Cylinders/cores operated by change (day) keys and subsequent masters (including grand/great grand) keys.
- 3. Forward bitting list and keys separately from cylinders, by means as directed by Owner. Failure to comply with forwarding requirements shall be cause for replacement of cylinders/cores involved at no additional cost to Owner.
- 4. Provide keys with the following features:
 - a. Material: Nickel silver; minimum thickness of .107-inch (2.3mm).

5. Identification:

- a. Mark permanent cylinders/cores and keys with applicable blind code per DHI publication "Keying Systems and Nomenclature" for identification. Blind code marks shall not include actual key cuts.
- b. Identification stamping provisions must be approved by the Architect and Owner.
- c. Stamp keys with Owner's unique key system facility code as established by the manufacturer; key symbol and embossed or stamped with "DO NOT DUPLICATE".
- d. Failure to comply with stamping requirements shall be cause for replacement of keys involved at no additional cost to Owner.
- e. Verify with owner if permanent cylinders/cores and/or keys are to be shipped directly to Owner or to Contractor.
- 6. Quantity: Furnish in the following quantities.
 - a. Change (Day) Keys: 3 per cylinder/core.
 - b. Permanent Control Keys: 3 (if required).
 - c. Master Keys: 6 per master.
 - d. Unused balance of key blanks shall be furnished to Owner with the cut keys.

2.16 KEY CONTROL SYSTEM

A. Manufacturers:

1. Scheduled Manufacturer: Telkee.

2. Acceptable Manufacturers: HPC, Lund.

- 1. Provide key control system, including envelopes, labels, tags with self-locking key clips, receipt forms, 3-way visible card index, temporary markers, permanent markers, and standard metal cabinet, all as recommended by system manufacturer, with capacity for 150% of number of locks required for Project.
 - a. Provide complete cross index system set up by hardware supplier, and place keys on markers and hooks in cabinet as determined by final key schedule.
 - b. Provide hinged-panel type cabinet for wall mounting.

2.17 DOOR CLOSERS

A. Manufacturers and Products:

- 1. Scheduled Manufacturer and Product: LCN 4040XP series.
- 2. Acceptable Manufacturers and Products: No Substitutions Facility Standard.

B. Requirements:

- Provide door closers conforming to ANSI/BHMA A156.4 Grade 1 requirements by BHMA certified independent testing laboratory. ISO 9000 certify closers. Stamp units with date of manufacture code.
- 2. Provide door closers with fully hydraulic, full rack and pinion action with high strength cast iron cylinder, and full complement bearings at shaft.
- 3. Cylinder Body: 1-1/2 inch (38 mm) diameter with 3/4 inch (19 mm) diameter double heat-treated pinion journal.
- 4. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
- 5. Spring Power: Continuously adjustable over full range of closer sizes, and providing reduced opening force as required by accessibility codes and standards.
- 6. Hydraulic Regulation: By tamper-proof, non-critical valves, with separate adjustment for latch speed, general speed, and backcheck.
- 7. Provide closers with solid forged steel main arms and factory assembled heavy-duty forged forearms for parallel arm closers.
- 8. Pressure Relief Valve (PRV) Technology: Not permitted.
- 9. Finish for Closer Cylinders, Arms, Adapter Plates, and Metal Covers: Powder coating finish which has been certified to exceed 100 hours salt spray testing as described in ANSI Standard A156.4 and ASTM B117, or has special rust inhibitor (SRI).
- 10. Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.

2.18 ELECTRO-MECHANICAL CLOSER/HOLDERS

A. Manufacturers and Products:

- 1. Scheduled Manufacturer and Product: LCN 4040SE/4310ME/4410ME series
- 2. Acceptable Manufacturers and Products: No Substitutions Facility Standard.

- 1. Provide single-point or multi-point hold-open electro-mechanical closer/holders as specified. Coordinate voltage requirements and provide transformer if necessary.
- 2. Provide multi-point electro-mechanical closer/holders with swing free arms.
- 3. Provide closer/holders that function as full rack and pinion door closer when current is interrupted or continuous hold-open is not engaged.
- 4. Provide door closers with fully hydraulic, full rack and pinion action with high strength cylinder and full complement bearings at shaft.
- 5. Cylinder Body: 1-1/2-inch (38 mm) diameter with 5/8-inch (16 mm) diameter double heat-treated pinion journal.
- 6. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
- 7. Spring Power: Continuously adjustable over full range of closer sizes, and providing reduced opening force as required by accessibility codes and standards.
- 8. Hydraulic Regulation: By tamper-proof, non-critical valves, with separate adjustment for latch speed, general speed, and backcheck.
- 9. Pressure Relief Valve (PRV) Technology: Not permitted.
- Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.

2.19 DOOR TRIM

A. Manufacturers:

- 1. Scheduled Manufacturer: Ives.
- 2. Acceptable Manufacturers: Rockwood, Trimco.

B. Requirements:

- Provide push plates 4 inches (102 mm) wide by 16 inches (406 mm) high by 0.050 inch (1 mm) thick and beveled 4 edges. Where width of door stile prevents use of 4 inches (102 mm) wide plate, adjust width to fit.
- 2. Provide push bars of solid bar stock, diameter and length as scheduled. Provide push bars of sufficient length to span from center to center of each stile. Where required, mount back to back with pull.
- 3. Provide offset pulls of solid bar stock, diameter and length as scheduled. Where required, mount back to back with push bar.
- 4. Provide flush pulls as scheduled. Where required, provide back-to-back mounted model.
- 5. Provide pulls of solid bar stock, diameter and length as scheduled. Where required, mount back to back with push bar.
- 6. Provide pull plates 4 inches (102 mm) wide by 16 inches (406 mm) high by 0.050 inch (1 mm) thick, beveled 4 edges, and prepped for pull. Where width of door stile prevents use of 4 inches (102 mm) wide plate, adjust width to fit.
- 7. Provide wire pulls of solid bar stock, diameter and length as scheduled.
- 8. Provide decorative pulls as scheduled. Where required, mount back to back with pull.

2.20 PROTECTION PLATES

A. Manufacturers:

1. Scheduled Manufacturer: Ives.

2. Acceptable Manufacturers: Rockwood, Trimco.

B. Requirements:

- 1. Provide kick plates, mop plates, and armor plates minimum of 0.050 inch (1 mm) thick, beveled four edges as scheduled. Furnish with sheet metal or wood screws, finished to match plates.
- 2. Sizes of plates:
 - a. Kick Plates: 10 inches (254 mm) high by 2 inches (51 mm) less width of door on single doors, 1 inch (25 mm) less width of door on pairs
 - b. Mop Plates: 4 inches (102 mm) high by 2 inches (51 mm) less width of door on single doors, 1 inch (25 mm) less width of door on pairs
 - c. Armor Plates: 36 inches (914 mm) high by 2 inches (51 mm) less width of door on single doors, 1 inch (25 mm) less width of door on pairs

2.21 OVERHEAD STOPS AND OVERHEAD STOP/HOLDERS

A. Manufacturers:

- 1. Scheduled Manufacturers: Glynn-Johnson.
- 2. Acceptable Manufacturers: No Substitutions Facility Standard.

B. Requirements:

- 1. Provide heavy duty concealed mounted overhead stop or holder as specified for exterior and interior vestibule single acting doors.
- 2. Provide heavy duty concealed mounted overhead stop or holder as specified for double acting doors.
- 3. Provide heavy or medium duty and concealed or surface mounted overhead stop or holder for interior doors as specified. Provide medium duty surface mounted overhead stop for interior doors and at any door that swings more than 140 degrees before striking wall, open against equipment, casework, sidelights, and where conditions do not allow wall stop or floor stop presents tripping hazard.
- 4. Where overhead holders are specified provide friction type at doors without closer and positive type at doors with closer.

2.22 DOOR STOPS AND HOLDERS

A. Manufacturers:

- 1. Scheduled Manufacturer: Ives.
- 2. Acceptable Manufacturers: Rockwood, Trimco.

B. Provide door stops at each door leaf:

- 1. Provide wall stops wherever possible. Provide convex type where mortise type locks are used and concave type where cylindrical type locks are used.
- 2. Where a wall stop cannot be used, provide universal floor stops for low or high rise options.

3. Where wall or floor stop cannot be used, provide medium duty surface mounted overhead stop.

2.23 THRESHOLDS, SEALS, DOOR SWEEPS, AUTOMATIC DOOR BOTTOMS, AND GASKETING

A. Manufacturers:

- 1. Scheduled Manufacturer: Zero International.
- 2. Acceptable Manufacturers: National Guard, Reese.

B. Requirements:

- 1. Provide thresholds, weather-stripping (including door sweeps, seals, and astragals) and gasketing systems (including smoke, sound, and light) as specified and per architectural details. Match finish of other items.
- 2. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
- 3. Size of thresholds:
 - a. Saddle Thresholds: 1/2 inch (13 mm) high by jamb width by door width
 - b. Bumper Seal Thresholds: 1/2 inch (13 mm) high by 5 inches (127 mm) wide by door width
- 4. Provide door sweeps, seals, astragals, and auto door bottoms only of type where resilient or flexible seal strip is easily replaceable and readily available.

2.24 SILENCERS

A. Manufacturers:

- 1. Scheduled Manufacturer: Ives.
- 2. Acceptable Manufacturers: Rockwood, Trimco.

B. Requirements:

- 1. Provide "push-in" type silencers for hollow metal or wood frames.
- 2. Provide one silencer per 30 inches (762 mm) of height on each single frame, and two for each pair frame.
- 3. Omit where gasketing is specified.

2.25 DOOR POSITION SWITCHES

A. Manufacturers:

- 1. Scheduled Manufacturer: Schlage.
- 2. Acceptable Manufacturers: GE-Interlogix.

- 1. Provide recessed or surface mounted type door position switches as specified.
- 2. Coordinate door and frame preparations with door and frame suppliers. If switches are being used with magnetic locking device, provide minimum of 4 inches between switch and magnetic locking device.

2.26 FINISHES

A. Provide finish for each item as indicated in the sets.

EXECUTION

3.01 EXAMINATION

- A. Prior to installation of hardware, examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire-rated door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Field verify existing doors and frames receiving new hardware and existing conditions receiving new openings. Verify that new hardware is compatible with existing door and frame preparation and existing conditions.
- C. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Where on-site modification of doors and frames is required:
 - 1. Carefully remove existing door hardware and components being reused. Clean, protect, tag, and store in accordance with storage and handling requirements specified herein.
 - 2. Field modify and prepare existing door and frame for new hardware being installed.
 - 3. When modifications are exposed to view, use concealed fasteners, when possible.
 - 4. Prepare hardware locations and reinstall in accordance with installation requirements for new door hardware and with:
 - a. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.
 - b. Wood Doors: DHI WDHS.5 "Recommended Hardware Reinforcement Locations for Mineral Core Wood Flush Doors."
 - c. Doors in rated assemblies: NFPA 80 for restrictions on on-site door hardware preparation.

3.03 INSTALLATION

- A. Mount door hardware units at heights to comply with the following, unless otherwise indicated or required to comply with governing regulations.
 - 1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
 - 2. Custom Steel Doors and Frames: HMMA 831.
 - 3. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
 - 4. Installation Guide for Doors and Hardware: DHI TDH-007-20
- B. Install each hardware item in compliance with manufacturer's instructions and recommendations, using only fasteners provided by manufacturer.
- C. Do not install surface mounted items until finishes have been completed on substrate. Protect all installed hardware during painting.
- D. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as necessary for proper installation and operation.
- E. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- F. Install operating parts so they move freely and smoothly without binding, sticking, or excessive clearance.
- G. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than quantity recommended by manufacturer for application indicated or one hinge for every 30 inches (750 mm) of door height, whichever is more stringent, unless other equivalent means of support for door, such as spring hinges or pivots, are provided.
- H. Lock Cylinders: Install construction cores to secure building and areas during construction period.
 - 1. Replace construction cores with permanent cores as indicated in keying section.
- I. Wiring: Coordinate with Division 26, ELECTRICAL sections for:
 - 1. Conduit, junction boxes and wire pulls.
 - 2. Connections to and from power supplies to electrified hardware.
 - 3. Connections to fire/smoke alarm system and smoke evacuation system.
 - 4. Connection of wire to door position switches and wire runs to central room or area, as directed by Architect.
 - 5. Testing and labeling wires with Architect's opening number.
- J. Key Control System: Tag keys and place them on markers and hooks in key control system cabinet, as determined by final keying schedule.
- K. Door Closers: Mount closers on room side of corridor doors, inside of exterior doors, and stair side of stairway doors from corridors. Mount closers so they are not visible in corridors, lobbies and other public spaces unless approved by Architect.

- L. Closer/Holders: Mount closer/holders on room side of corridor doors, inside of exterior doors, and stair side of stairway doors.
- M. Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings or in equipment room, or alternate location as directed by Architect.
- N. Thresholds: Set thresholds in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."
- O. Stops: Provide floor stops for doors unless wall or other type stops are indicated in door hardware schedule. Do not mount floor stops where they may impede traffic or present tripping hazard.
- P. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.
- Q. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
- R. Door Bottoms and Sweeps: Apply to bottom of door, forming seal with threshold when door is closed.

3.04 FIELD QUALITY CONTROL

- A. Architectural Hardware Consultant: Engage qualified independent Architectural Hardware Consultant to perform inspections and to prepare inspection reports.
 - 1. Architectural Hardware Consultant will inspect door hardware and state in each report whether installed work complies with or deviates from requirements, including whether door hardware is properly installed and adjusted.

3.05 FIELD INSPECTIONS:

- A. Fire Door Assembly Inspection and Testing: Provide functional testing and inspection of fire door assemblies in accordance with NFPA 80-2007/2010. Inspections shall be performed by individuals certified by Intertek as a Fire Door Assembly Inspector, using reporting forms provided by the Door and Hardware Institute (DHI). Alternatively, inspections may be performed by individuals acceptable to the Architect, who have knowledge and understanding of the operating components of the applicable door type, and who have experience in preparing written reports of testing and inspection results.
 - Schedule fire door assembly inspection within 90 days of Substantial Completion of the Project.
 - 2. Submit a signed, written final report as specified in Paragraph 1.4: Submittals.
 - 3. Contractor shall correct all deficiencies and schedule a reinspection of fire door assemblies which were noted as deficient on the inspection report.
 - 4. Inspector shall reinspect fire door assemblies after repairs are made.
 - 5. Additional reinspections which are required due to incomplete repairs will be performed by the inspector at the expense of the Contractor.
- B. Provide inspection of required egress door assemblies by a qualified person in accordance with NFPA 101.

- 1. Schedule egress door assembly inspection within 90 days of Substantial Completion of the Project for the required openings.
- 2. Submit a signed, written final report as specified in Paragraph 1.03.E.2.
- Correct all deficiencies and schedule a reinspection of egress door assemblies noted as deficient on the inspection report.
- 4. Inspector to reinspect required egress door assemblies after repairs are made.

3.06 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
 - Electric Strikes: Adjust horizontal and vertical alignment of keeper to properly engage lock bolt.
 - 2. Door Closers: Adjust sweep period to comply with accessibility requirements and requirements of authorities having jurisdiction.
- B. Occupancy Adjustment: Approximately three to six months after date of Substantial Completion, Installer's Architectural Hardware Consultant must examine and readjust each item of door hardware, including adjusting operating forces, as necessary to ensure function of doors and door hardware.

3.07 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

3.08 DEMONSTRATION

A. Provide training for Owner's maintenance personnel to adjust, operate, and maintain door hardware and door hardware finishes. Refer to Division 01 Section "Demonstration and Training."

3.09 DOOR HARDWARE SCHEDULE

A. The intent of the hardware specification is to specify the hardware for interior and exterior doors, and to establish a type, continuity, and standard of quality. However, it is the door hardware supplier's responsibility to thoroughly review existing conditions, schedules, specifications, drawings, and other Contract Documents to verify the suitability of the hardware specified.

- B. Discrepancies, conflicting hardware, and missing items are to be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application
- C. Hardware items are referenced in the following hardware. Refer to the above-specifications for special features, options, cylinders/keying, and other requirements.
- D. Hardware Sets:

FOR USE ON DOOR #(S):

K101A.1 K101A.2 K101A.3 K101A.4

HARDWARE GROUP NO. 01

3	EA	HINGE	5BB1HW 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	DEADBOLT, CYL X TT	L460BDC L583-363	626	SCH
1	EA	PERMANENT CORE	1CX COREMAX (KEYED INTO OWNERS EXISTING SYSTEM)	626	BES
1	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	PUSH PLATE	8200 4" X 16"	630	IVE
1	EA	PULL PLATE	8303 10" 4" X 16"	630	IVE
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS	630	IVE
1	EA	MOP PLATE	8400 4" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP/HOLDER	WS45/WS45X (VERIFY MOUNTING HEIGHT)	626	IVE
1	EA	GASKETING	488SBK PSA	BK	ZER
1	EA	DOOR SWEEP	39A	Α	ZER
1	EA	THRESHOLD (SADDLE, 1/4" X 5")	545A-224	Α	ZER

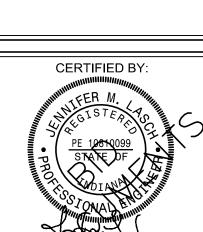
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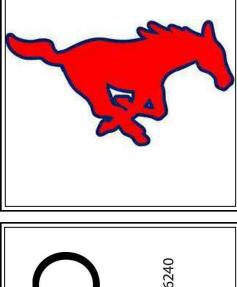
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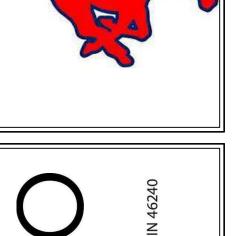
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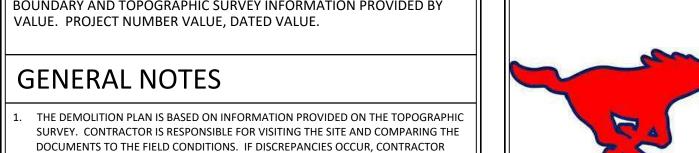


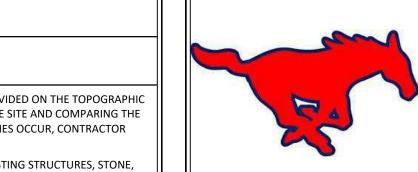
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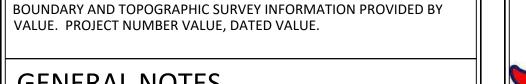
PROJECT NUMBER











GENERAL NOTES

SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD.

. THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING STRUCTURES, STONE, CONCRETE AND PAVEMENT OFF SITE UNLESS NOTED TO REMAIN ON THE CONTRACT

THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION. IF A MONUMENT IS MOVED OR DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SURVEYOR OF

THIS SECTION REQUIRES THE REMOVAL AND DISPOSAL, OFF SITE, OF THE FOLLOWING: a. SPECIFIED OBJECTS b. VEGETATION WITHIN THE WORK AREA. . CONTRACTOR SHALL SUBMIT THE FOLLOWING IN ACCORDANCE WITH CONDITIONS OF THE CONTRACT AND APPROPRIATE SPECIFICATION SECTIONS: a. A DETAILED SEQUENCE AND SCHEDULE OF DEMOLITION AND REMOVAL WORK TO BE COMPLETED.

. JOB CONDITIONS a. SALVAGED MATERIALS: ITEMS OF SALVAGEABLE VALUE TO CONTRACTOR MAY BE REMOVED FROM SITE AS WORK PROGRESSES. TRANSPORT SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED. b. STORAGE OR SALE OF REMOVED ITEMS WILL NOT BE PERMITTED ON SITE.

DOWNSTREAM TO ENGINEER TO CONFIRM SIZE AND CAPACITY OF LATERAL

PRIOR TO ORDERING GREASE TRAP.

B. EXISTING 8" SANITARY SEWER LINE.

A. LOCATE SANITARY SEWER. PROVIDE INVERT AT BUILDING AND 40'

KEYNOTES

C. REMOVE SANITARY LATERAL AS NEEDED FOR GREASE TRAP INSTALLATION.

DOES NOT MEET ELEVATION OR SLOPE REQUIREMENTS, CAP AND SAWCUT AND REMOVE CONCRETE WALK AS NEEDED FOR CONSTRUCTION. SAWCUT AND REMOVE ASPHALT PAVING AS NEEDED FOR CONSTRUCTION.

IF DOWNSTREAM PORTION OF LATERAL IS LESS THAN 6" IN SIZE AND/OR ABANDON IN PLACE. SAWCUT AT NEAREST JOINT LINE.

> c. EXPLOSIVES: USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED. d. TRAFFIC: CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. e. DO NOT CLOSE OR OBSTRUCT ROADS, STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRE BY GOVERNING AUTHORITIES.

PROTECTIONS: ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION, CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, AND OTHER FACILITIES AND INJURY TO PERSONS. g. DAMAGES: PROMPTLY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS. h. UTILITY SERVICES: MAINTAIN EXISTING UTILITIES TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT, CAP AND REMOVE UTILITY SERVICES PER LOCAL REQUIREMENTS. DO NOT START THE SATISFACTION OF LOCAL UTILITIES. (AS REQUIRED)

CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.

DEMOLITION WORK UNTIL UTILITY DISCONNECTIONS HAVE BEEN COMPLETED TO 7. DEMOLITION a. BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS TO A DEPTH OF NOT LESS THAN 48 INCHES BELOW LOWEST FOUNDATION LEVEL. b. FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION. BACK FILL TO BE COMPACTED TO 90% STANDARD PROCTOR OR 98% ON NEW STRUCTURES.

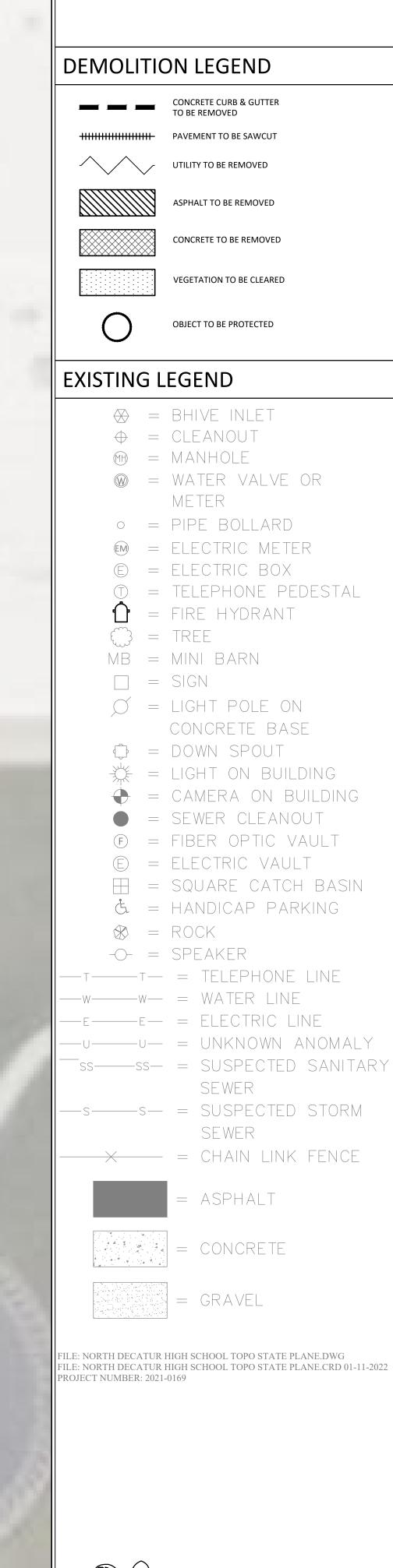
8. DISPOSAL OF DEMOLISHED MATERIALS a. GENERAL: REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. b. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE. 9. TEMPORARY TRAFFIC CONTROL DURING DEMOLITION AND CONSTRUCTION SHALL

BENCHMARK DATA

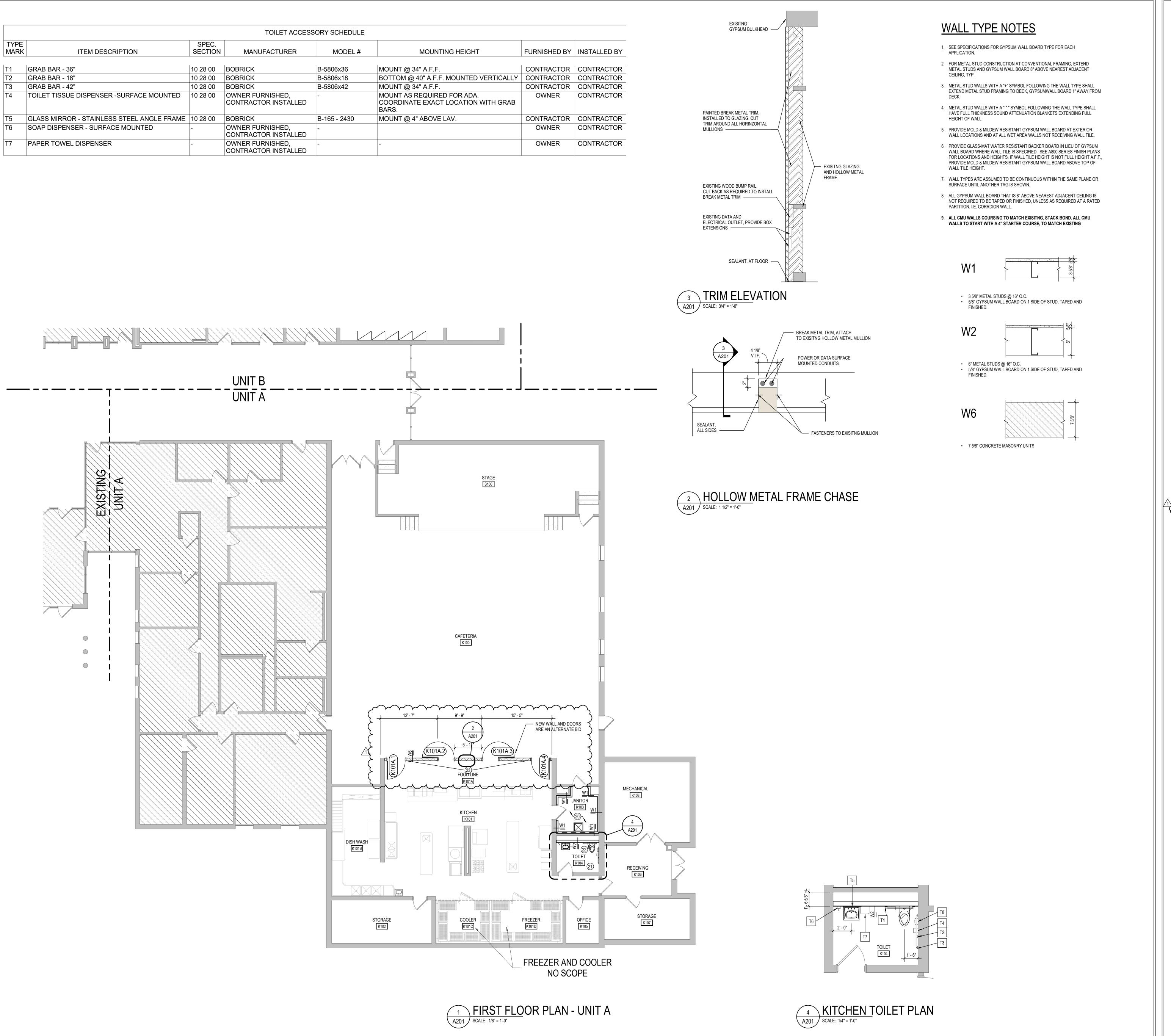
SURVEY NOT PROVIDED WORK SHOWN PER AERIAL AND EXISTING PLANS



UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.







GENERAL NOTES

- 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 THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT
- 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 STUDS EXTEND TO DECK, PROVIDE
- MANUFACTURER LIMIT HEIGHT (L/240). WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.

SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION. G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO

- 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 VIEW. 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. M. 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 O. 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. P. 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 R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS
- 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

AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE

- THAT NO SUCH ITEMS BRIDGE ACROSS 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 U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
- 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. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
- WHERE DISSIMILAR 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 BACKSLASHES AT
- JUNCTURE WITH WALL. 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 100'-0".
- REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

 $\{20\}$ INSTALL NEW TYPE W1 WALL ALONG EXISTING WALL SURFACE OF ENTIRE ROOM, INCLUDING ABOVE DOORS AND ENCLOSE EXISTING DUCT, COORDINATE WORK WITH MEP DRAWINGS, ENTIRE HEIGHT AND WIDTH OF THE NEW WALL SURFACE SHALL RECEIVE FRP PANELS. REINSTALL WASHER AND DRYER IN SAME LOCATION, COORDINATE WITH MOP SINK IN ROOM WITH ADDITIONAL CHASE WALL.

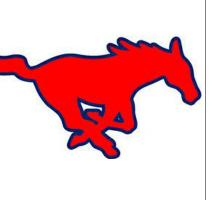
- 21 LIGHTING TO REMAIN IN THIS LOCATION. PROVIDE TEMPORARY SUPPORT DURING
- 22 2'x2' WALL ACCESS DOOR, SEE SPEC. 23 WITH ALTERNATE BID, REINSTALL ALL ELEC. OUTLETS, DATA OUTLETS, ETC, IN

BUILDING

(N.I.C.)

KEYPLAN ①

B



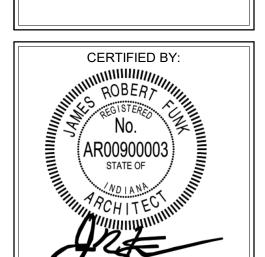
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SCOPE DRAWINGS: proper execution and completion of the work.

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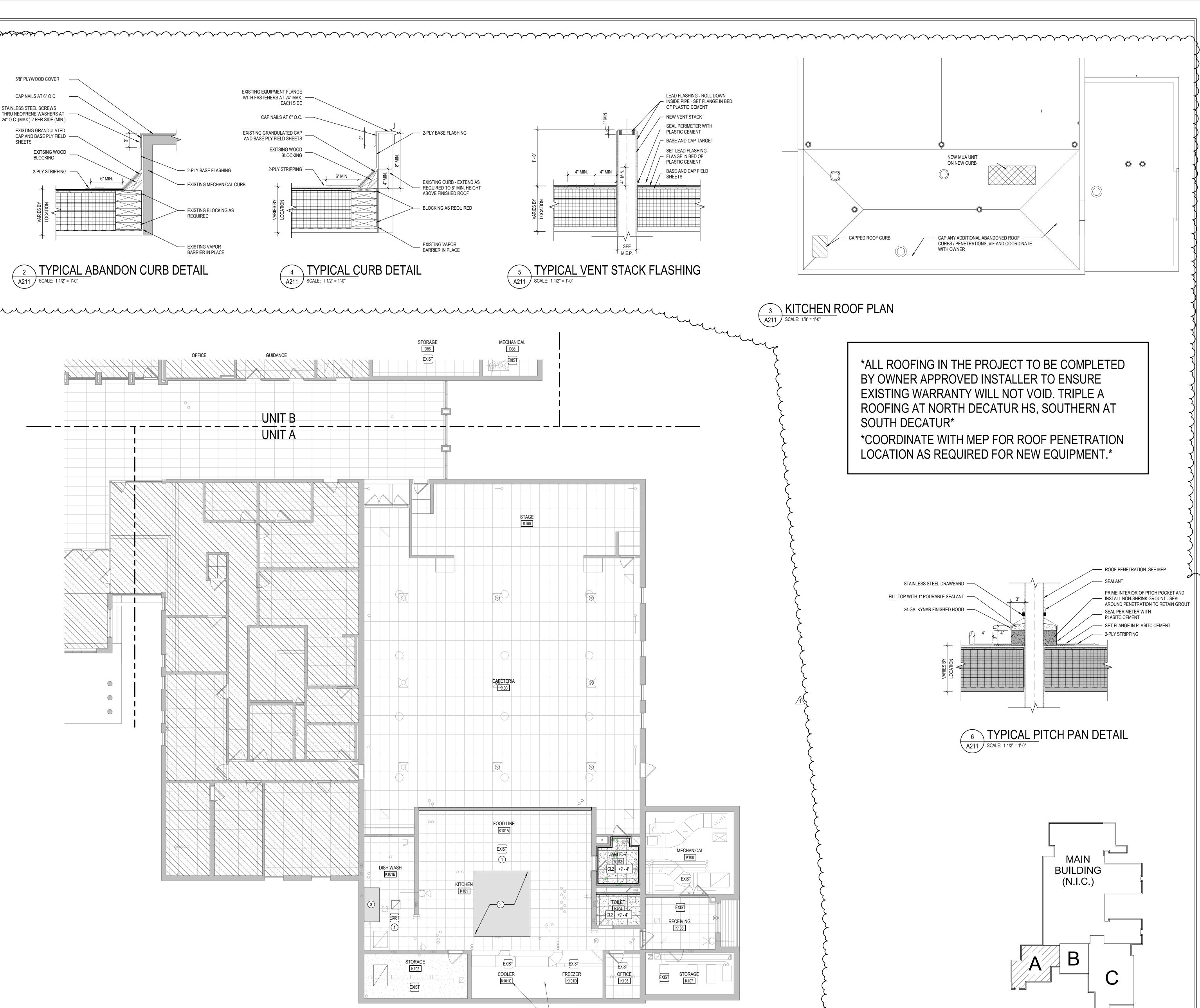
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DRAWING TITLE: WALL TYPE SCHEDULE & FIRST FLOOR PLAN - UNIT A



DRAWING NUMBER A201

PROJECT NUMBER 2021061



FREEZER AND COOLER

NO SCOPE

FIRST FLOOR R.C.P. - UNIT A

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

GENERAL REFLECTED CEILING PLAN NOTES

- SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES. 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. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR 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.
- ALL EXISTING GYPSUM OR PLASTER CEILINGS AND BULKHEADS TO REMAIN ARE TO BE PAINTED P-- CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE (SEE A800 SERIES DRAWINGS). SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

FLUORESCENT LIGHT FIXTURES. RECESSED OR SURFACED MOUNTED, SEE ELECTRICAL DRAWINGS DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL

CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DRAWINGS RETURN/EXHAUST GRILL; SEE MECHANICAL DRAWINGS

> SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS

LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

SUSPENDED ACOUSTICAL LAY-IN CEILING MFG: ARMSTRONG MODEL #1935 CL2 STYLE: ULTIMA HEALTH ZONE DESCRIPTION: SQUARE EDGE COLOR: WHITE SIZE: 2' x 2' x 3/4" LOCATION: RESTROOMS, LOCKER ROOMS

EXIST EXISTING CEILING GRID TO REMAIN

CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT

REFLECTED CEILING PLAN NOTES

- CEILING TO BE REMOVED AND REINSTALLED AS REQUIRED TO ACCOMMODATE EXISTING CONDITION. EXISTING KITCHEN RANGE HOOD, V.I.F. COORDINATE ABOVE CEILING WORK WITH FOOD SERVICE AND MECHANICAL DRAWINGS.
- EXISTING DISHWASHER EXHAUST HOOD, V.I.F.

ROOF ABBREVIATIONS

DUCT THRU ROOF METAL DOWNSPOUT EXHAUST FAN; SEE MECHANICAL

EXPANSION JOINT FLUE STACK; SEE MECHANICAL PLUMBING VENT RELIEF AIR VENT: SEE MECHANICAL

GRAVEL STOP

- ALL WORK SHALL BE IN ACCORDANCE WITH THE BEST QUALITY STANDARDS OF THE TRADE, AND SHALL CONFORM WITH THE LATEST EDITION OF ALL FEDERAL, STATE, AND LOCAL CODES AND STANDARDS. THE SAME ARE MADE A PART OF THESE CONTRACT DOCUMENTS, AS IF REPEATED HEREIN. CONTRACT DOCUMENTS CONSIST OF BOTH THE PROJECT MANUAL AND
- DRAWINGS, AND BOTH ARE INTENDED TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH. CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE, HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM. CONTRACTOR SHALL PROVIDE ANY AND ALL TEMPORARY UTILITY SERVICE REQUIRED TO CONSTRUCT THE WORK. CONTRACTOR MAY EXTEND SERVICES
- FROM EXISTING LOCATIONS TO WHERE THEY ARE REQUIRED. REMOVE TEMPORARY UTILITIES AND RELATED EXTENSIONS AS SOON AS PRACTICABLE. RESTORE ALL AFFECTED AREAS TO ORIGINAL CONDITION. CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND . STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING. CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT
- 9. CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS. 10. PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION
- SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR PER SECTION I-49 OF THE FM GLOBAL LOSS PREVENTION GUIDE. 1. EXTEND ALL PLUMBING VENTS TO PROVIDE A MIN. OF 12" OF HEIGHT FROM TOP OF INSULATION. ALL FITTINGS TO BE AIR AND WATER TIGHT. SEE PLUMBING PLANS FOR LOCATIONS. 12. ROOF INSULATION SADDLES AND CRICKETS ARE DIAGRAMMATIC. ROOF
- INSULATION MANUFACTURER SHALL DESIGN AND SIZE THESE PER THE ROOF MEMBRANE MANUFACTURERS RECOMMENDATIONS. CRICKETS AND SADDLES SHOULD HAVE A MINIMUM OF TWO TIMES THE SLOPE OF THE PRIMARY TAPERED SYSTEM OR STRUCTURAL SLOPE. THE RATIO OF A CRICKET'S WIDTH TO LENGTH SHOULD BE NO LESS THAN 1 TO 3. 13. PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE
- MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS. 14. PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE INSULATION HEIGHT TO ANOTHER. 15. NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED
- CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE THE SURFACE OF THE DECK. 16. PERIMETER EDGE METAL TO COMPLY WITH ANSI/SPRI ES-1 FM GLOBAL 1-49. 17. SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP
- 18. INSPECT ALL WOOD BLOCKING SCHEDULED TO REMAIN. NOTIFY ARCHITECT OF ANY DETERIORATED BLOCKING NEEDING REPLACEMENT. CONTRACTOR TO
- REPLACE AND DAMAGED BLOCKING ON A TIME AND MATERIAL BASIS, SEE 19. ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC. ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED ACCORDING TO MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPROVED DETAIL DRAWINGS. ALL ASSEMBLY COMPLICATIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. D. THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, GUTTERS.
- CONTRACTOR SHALL CLEAR ALL DRAINS, GUTTERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND 1. MECHANICAL, ELECTRICAL AND PLUMBING INFORMATION SHOWN ON THIS PLAN IS GENERAL IN NATURE. REFER TO P, M AND E DRAWINGS FOR FURTHER INFORMATION AND COORDINATE ALL REQUIRED ROOF OPENINGS OR ROOF MOUNTED EQUIPMENT.

KEYPLAN ①

minimum philipping and the contraction of the contr

DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOF



DE.

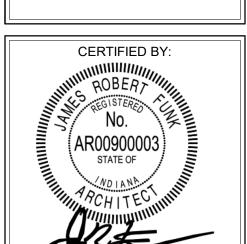
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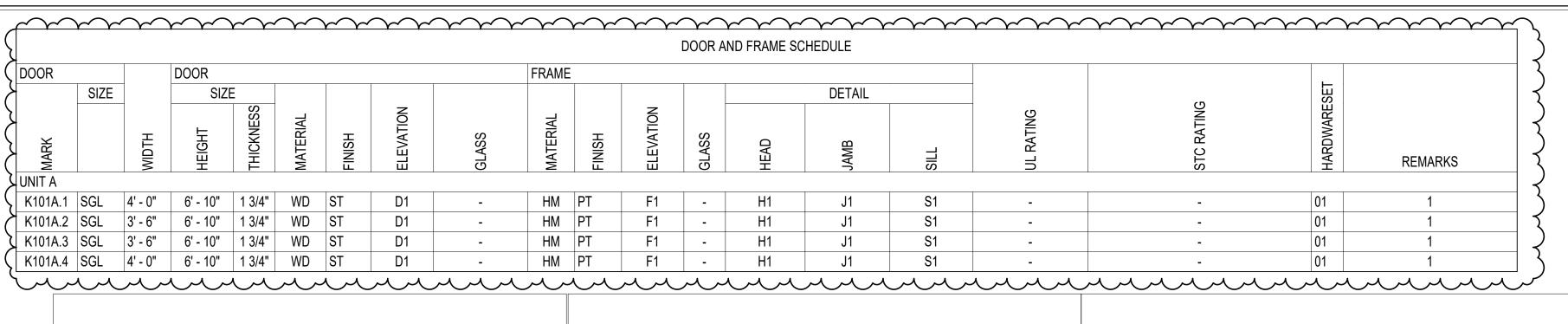
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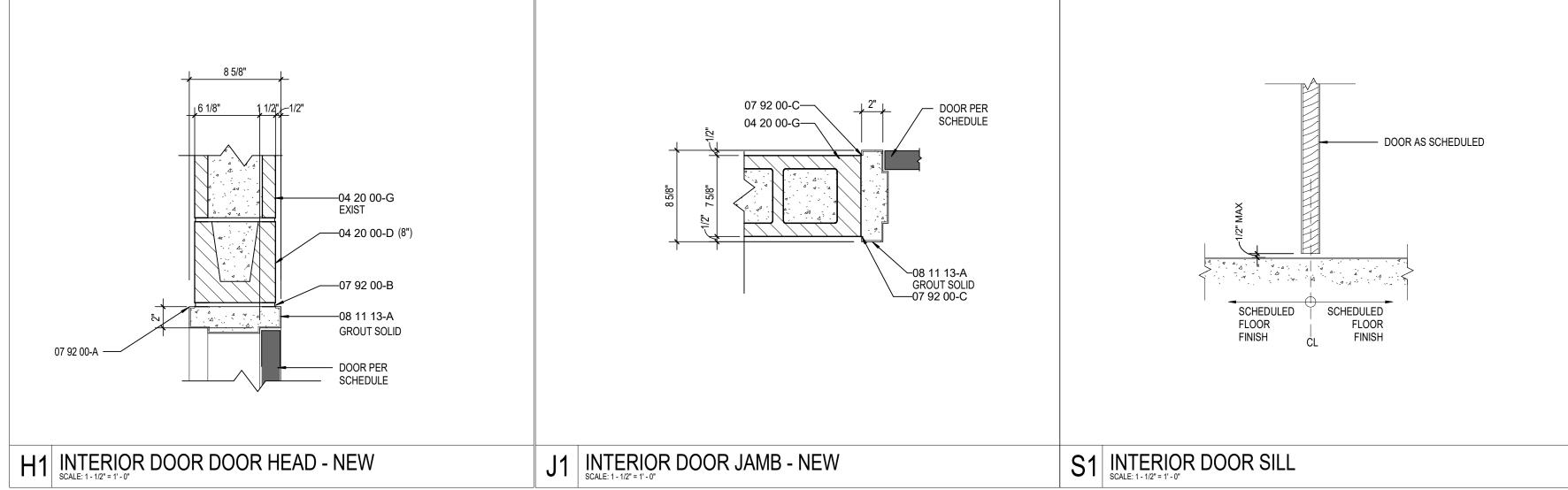
DRAWING TITLE: FIRST FLOOR **CEILING PLAN -**

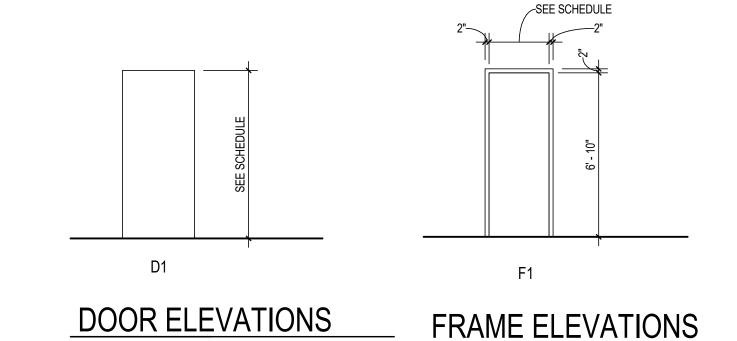


A211

PROJECT NUMBER 2021061







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

GLASS SCHEDULE

G1 - 1" THICK TEMPERED, LOW E, INSULATING GLAZING WITH 2 PANES 1/4" GLASS AND 1/2" AIRSPACE.

G2 - UL LISTED 20 MINUTE ASSEMBLY RATED CLEAR GLAZING. G3 - UL LISTED 45 MINUTE ASSEMBLY RATED CLEAR GLAZING MFR - GLASS BY STC DOOR MANUFACTURER. G4 - 1/4" CLEAR FULLY TEMPERED GLAZING

ABBREVIATIONS LEGEND

AN = ANODIZED CLEAR (TO MATCH EXISTING) GHM = GALVANIZED HOLLOW METAL GL = GLASS

HM = HOLLOW METAL
PT = PAINT

WD = WOOD ST = STAIN 45M = 45 MINUTE ASSEMBLY RATING

* = SEE REMARKS COLUMN FOR NOTES EX-HM = EXISTING HOLLOW METAL DOOR FRAME EX-GL = EXISTING GLASS

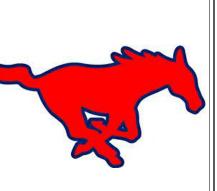
EX-ST = EXISTING WOOD STAIN FX = EXISTING DOOR FRAME, PAINT. 20M = 20 MINUTE ASSEMBLY RATING SS = #4 STAINLESS STEEL FINISH. OCD = OVERHEAD COILING COUNTER DOOR.

GENERAL DOOR 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. E. 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. 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 THAT LABEL.
- K. INSTALL DOOR GLASS USING WET GLAZING METHOD. . ALL LINTELS ABOVE EXTERIOR OPENINGS SHALL BE GALVANIZED.
- M. REFER TO SHEETS AXXX & AXXX FOR ADDITIONAL DOOR, FRAME AND BORROWED LITE ELEVATIONS.
- 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 WITH THE SCHEDULED HARDWARE. 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.

DOOR REMARKS

1. ALTERNATE BID ITEM FOR THIS DOOR



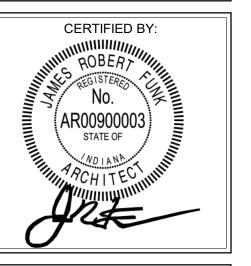
S M H DECATUR JR/SR F RE-BID KITCHEN S FULL RELEAS 2 IN-3, GREENSBURG, INI NORTH

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

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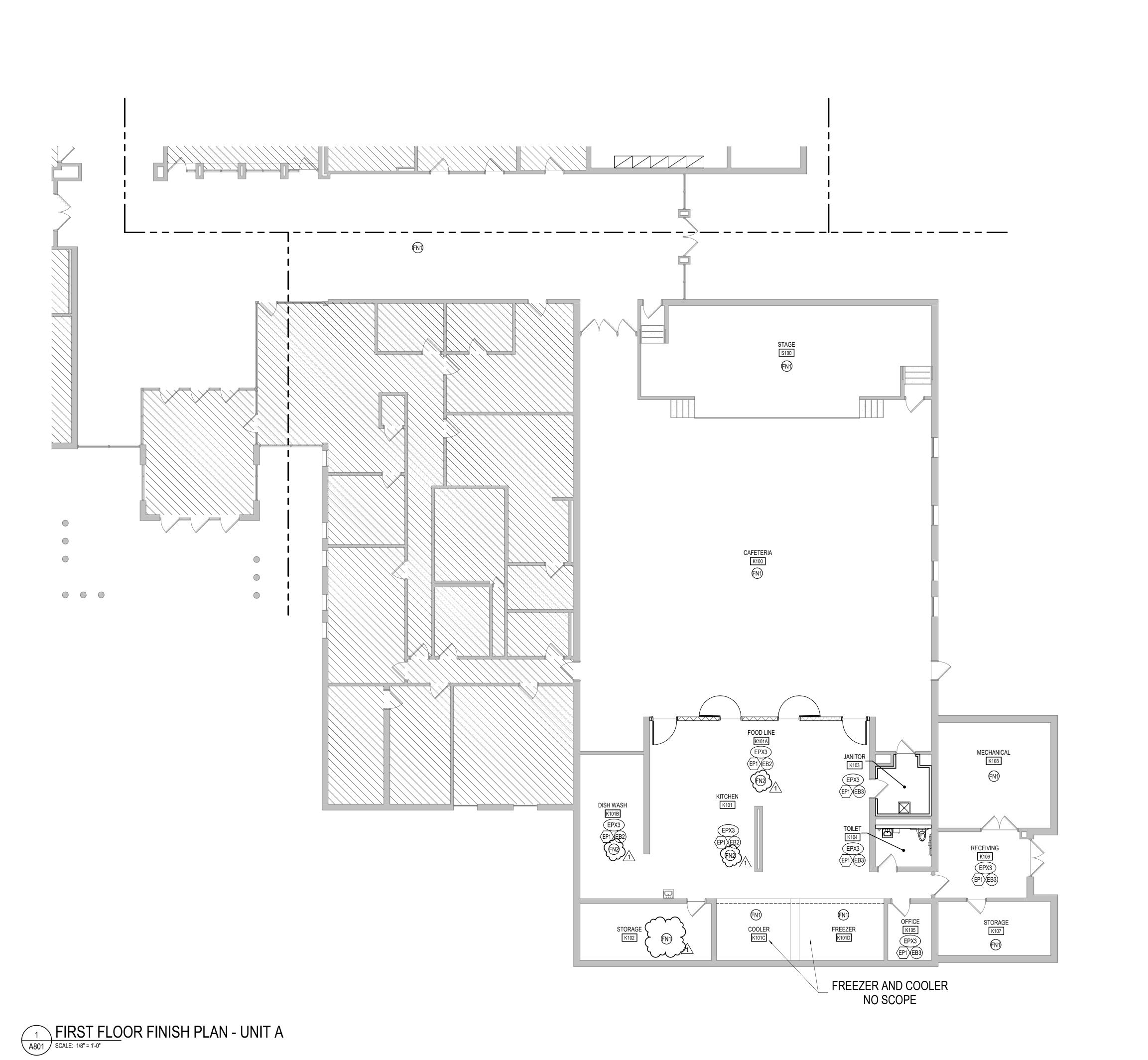
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> DRAWING TITLE: SCHEUDLE, **ELEVATIONS** AND DETAILS



DRAWING NUMBER A501

> PROJECT NUMBER 2021061



FINISH LEGEND

FLOOR FINISHES

EPOXY RESINOUS FLOORING

MFR: TNEMEC
STYLE: FULL REJECTION, DOUBLE
BROADCAST
BLEND: ROCKY RIDGE FR-801

BROADCAST
BLEND: ROCKY RIDGE FB-801
SIZE: 1/4" FLAKES
LOCATION: KITCHEN, RESTROOM

WALL FINISHES

EPOXY PAINT

MFR: SHERWIN WILLIAMS
COLOR: MATCH P1

EPOXY BASE

MFR: TO MATCH EPX3
STYLE: TO MATCH EPX3
BLEND: TO MATCH EPX3
SIZE: 5" INTEGRAL
LOCATION: KITCHEN WHERE QUARRY TILE
NOTE: BASE HAS BEEN REMOVED
UTILIZE SCHLUTER QUADEC
PROFILE TO CAP TOP OF
EPOXY BROADCAST BASE.

MFR: TO MATCH EPX3
STYLE: TO MATCH EPX3
BLEND: TO MATCH EPX3
SIZE: 4" INTEGRAL
LOCATION: RESTROOMS / OTHER
NOTE: UTILIZE SCHLUTER QUADEC
PROFILE TO CAP TOP OF
EPOXY BROADCAST BASE.

GENERAL FINISH NOTES

SPECIFICATIONS.

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

3. ALL SURFACES RECEIVING FINISHES SHALL BE PROPERLY PREPARED PER MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION.

WHERE DEMOLITION OCCURS, SURFACE IS TO BE PROPERLY PATCHED AND REPAIRED TO MATCH SURROUNDING SURFACES BEFORE FINISH IS APPLIED.

5. CONTRACTOR RESPONSIBLE FOR PROTECTING FINISHES EXISTING TO REMAIN DURING CONSTRUCTION PROCESS.

NOTED OTHERWISE. G.C. IS TO SUBMIT COLOR SAMPLES OF RUBBER TRANSITION STRIPS TO ARCHITECT/DESIGNER FOR APPROVAL AND SELECTION OF COLOR.

7. WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING THE TRANSITION IS TO BE ON CENTER OF THE DOOR UNLESS NOTED OTHERWISE.

6. FOR CHANGE IN FLOOR FINISH MATERIAL, PROVIDE TRANSITION STRIP UNLESS

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

9. PAINT WALLS BEFORE INSTALLING MARKER BOARDS, TACKBOARDS, ETC.

10. ALL NEW TACKBOARDS TO BE TS1 & ALL NEW MARKERBOARDS TO BE LOW GLOSS WHITE.

PAINTED TO MATCH THE ADJACENT WALL FINISH UNLESS NOTED OTHERWISE.

12. ALL HOLLOW METALS DOORS AND FRAMES IN SCOPE AREA ARE TO BE PAINTED TO MATCH P2.

11. ALL WALL MOUNTED GRILLES, METAL PANELS, MISC. METALS, ETC. ARE TO BE

13. WOOD DOORS ARE TO BE STAINED TO MATCH DESIGNER'S CONTROL SAMPLE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

14. ALL WINDOW STOOLS ARE TO BE SOLID SURFACE, SS1.

15. ALL GWB CEILINGS TO BE PAINTED P3, CEILING BRIGHT WHITE. SOFFITS/BULKHEADS TO BE PAINTED TO MATCH ADJACENT WALLS, UNLESS NOTED OTHERWISE.

16. WALL TILE TO BE INSTALLED WITH THE MINIMUM RECOMMENDED GROUT THICKNESS PER TILE MANUFACTURER.

17. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL FLOOR & TILE PATTERNS PRIOR TO INSTALLATION FOR ARCHITECT/DESIGNER APPROVAL.

18. SOLID PLASTIC TOILET PARTITION COLOR TO BE SELECTED FROM MFR'S FULL RANGE.

19. CUBICLE CURTAIN TO BE SELECTED FROM MFR'S FULL RANGE.20. GYM WALL PADDING COLOR TO BE SELECTED FROM MFR'S FULL RANGE.

21. LOCKER COLOR TO BE SELECTED FROM MFR'S FULL RANGE.

22. CORNER GUARDS AND/OR WALL PROTECTION TO BE SELECTED FROM MFR'S FULL RANGE.

23. INSTALL CARPET ACCORDING TO DIRECTIONAL ARROWS ON FINISH PLANS.

24. EXISTING STAIR RAILS AND STAIR COMPONENTS TO BE PAINTED TO MATCH P2.

25. ARCHITECTURAL COLUMNS TO BE PAINTED TO MATCH ADJACENT WALL, UNLESS NOTED OTHERWISE.

26. WHERE EPOXY RESINOUS FLOORING OCCURS, COORDINATING EPOXY BASE IS

TO EXTEND UP TOE OF CASEWORK IF APPLICABLE.

27. WENGER ULTRASTOR STORAGE CABINETS TO BE OYSTER LAMINATE WITH

MATCHING OYSTER EDGEBANDING, HARDWARE, GRILLES, AND FASTENERS.

28. ALL CASEWORK WITH PVC EDGING TO HAVE A DIRECT COLOR MATCH TO THE LAMINATE.

FINISH PLAN NOTES

FN1 NO FINISH WORK THIS AREA, UNLESS NOTED OTHERWISE.

AT ALL LOCATIONS WHERE THERE IS QUARRY TILE FLOORING OR WALL BASE, PATCH, PREP, FILL GROUT LINES ETC, TO CREATE A SMOOTH AND LEVEL SURFACE FOR FLOOR FINISH INSTALLATION



ndianapolis, IN 46240

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JORTH DECATUR JR/SR HIGH SCHORE RE-BID KITCHEN SCOPE FULL RELEASE 3172 IN-3, GREENSBURG, INDIANA 47240

SCOPE DRAWINGS:

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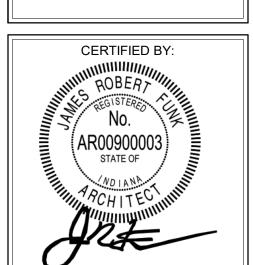
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

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FIRST FLOOR FINISH PLAN -UNIT A



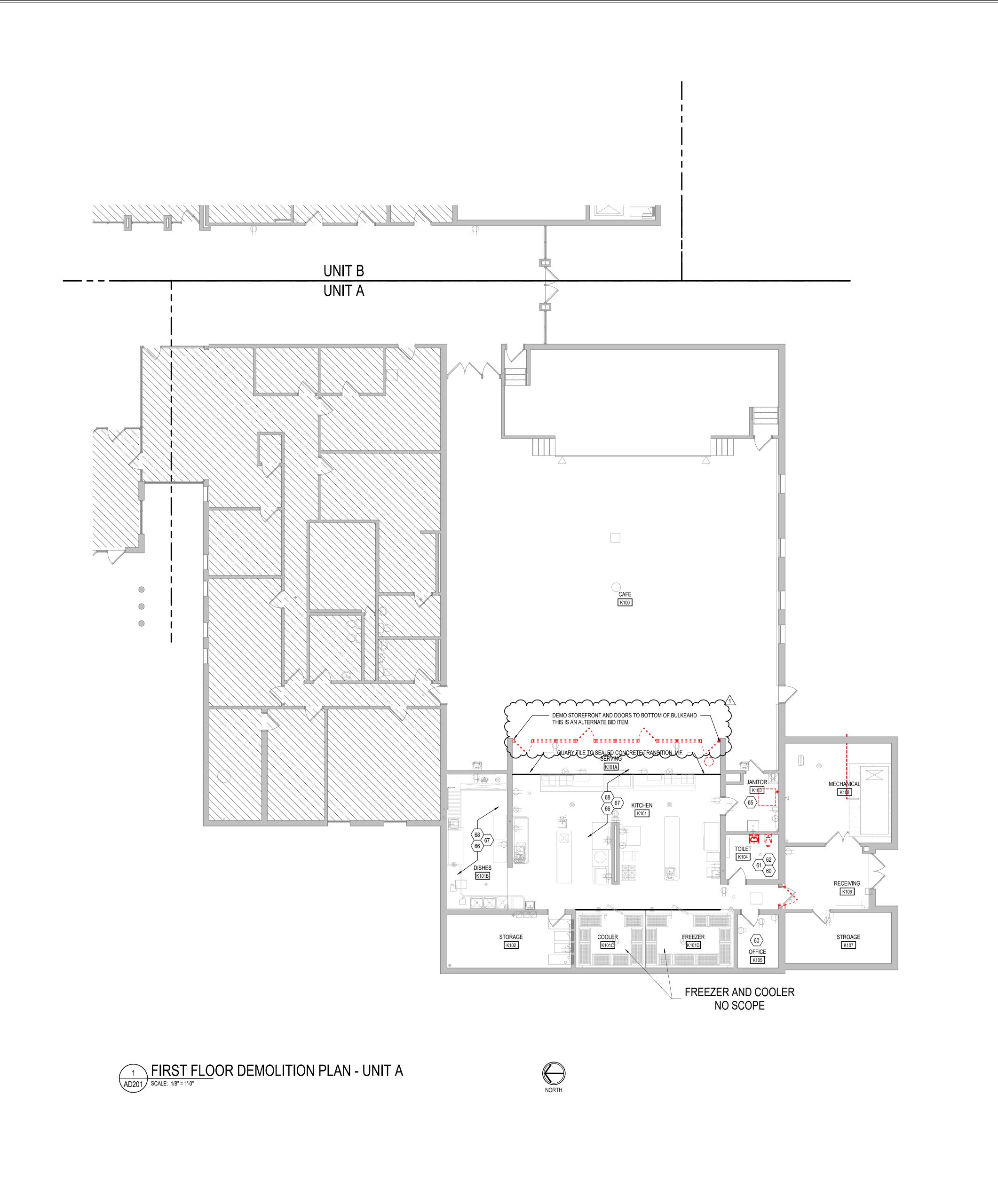
DRAWING NUMBER
A801

PROJECT NUMBER
2021061

KEYPLAN ON NORTH

BUILDING

(N.I.C.)





- 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.

 C. PROTECT ALL FINISHES, EQUIPMENT & OTHER ITEMS TO REMAIN.
 WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE
- WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE RESTORE TO ITS ORIGINAL CONDITION OR REPLACE.
- D. 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
- IMMEDIATE ATTENTION OF THE ARCHITECT AND OWNER.
 G. REMOVE ALL MISCELLANEOUS EQUIPMENT ATTACHED TO WALLS,
 FLOORS AND CEILINGS TO BE DEMOLISHED. COORDINATE WITH

H. REMOVE ANY ITEMS NOT SPECIFICALLY IDENTIFIED TO BE

THE OWNER FOR ITEMS TO BE SALVAGED OR RE-INSTALLED.

- 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.

 J. 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 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
- 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.

 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 EDGES.

 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

DEMOLITION NOTES

HOLES IN SLAB WHERE EXISTING MEP HAS BEEN ABANDONED.

- 60 REMOVE FLOORING AND BASE FINISHES COMPLETE. INCLUDING BUT NOT LIMITED TO: VINYL, VINYL TILE, LVT, CARPET, CERAMIC TILE, AND BASE. REMOVE FLOORING AND BASE ADHESIVES, INCLUDING ALL THIN SET OR MORTAR BEDS. PREPARE SURFACES TO RECEIVE NEW FINISHES, REFER TO A800 SERIES DRAWINGS FOR MORE INFORMATION.
- 61 REMOVE PLUMBING FIXTURES COMPLETE.
 62 REMOVE CEILING COMPLETE.
- 65 REMOVE CEILING COMPLETE.
- 66 REMOVE OWNER KITCHEN APPLIANCES TO COMPLETE MEP WORK. REINSTALL IN SAME CONDITION AND IN SAME LOCATION.
- REMOVE PORTION OF EXISTING ACT CEILING, GRID, CEILING TILES, LIGHTING, CEILING DEVICES, ETC.. AS REQUIRED TO COMPLETE NEW MECHANICAL AND KITCHEN HOOD WORK. REINSTALL CEILING, GIRD, CEILING TILES, LIGHTS, CEILING
- KITCHEN HOOD WORK. REINSTALL CEILING, GIRD, CEILING TILES, LIGHTS, CEILING DEVICES, ETC... TO LIKE EXISTING CONDITION.
- REMOVE ENTIRE KITCHEN QUARY TILE FLOOR AND WALL BASE. COORDINATE WITH MEP FOR EXTENT OF WORK. PATCH AND PREP AND LEVEL FLOOR AND WALL SURFACE TO RECEIVE NEW FINISHES PER A800 SERIES DRAWINGS.



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NORTH DECATUR JR/SR HIGH SCHOC RE-BID KITCHEN SCOPE FULL RELEASE 3172 IN-3, GREENSBURG, INDIANA 47240

SCOPE DRAWINGS:

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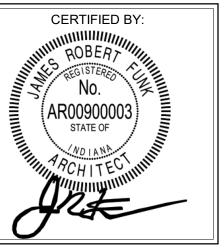
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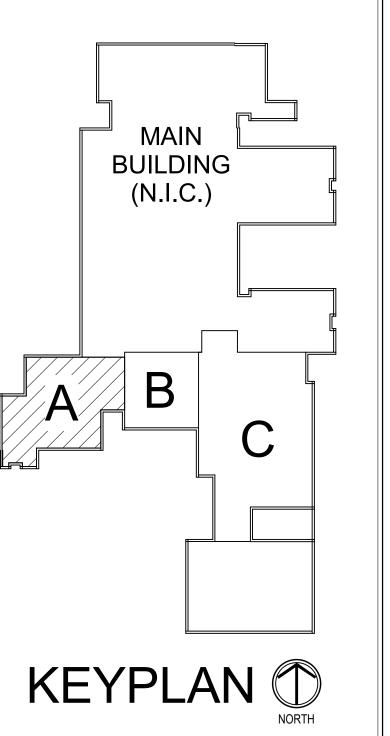
DRAWING TITLE:
FIRST FLOOR
DEMOLITION

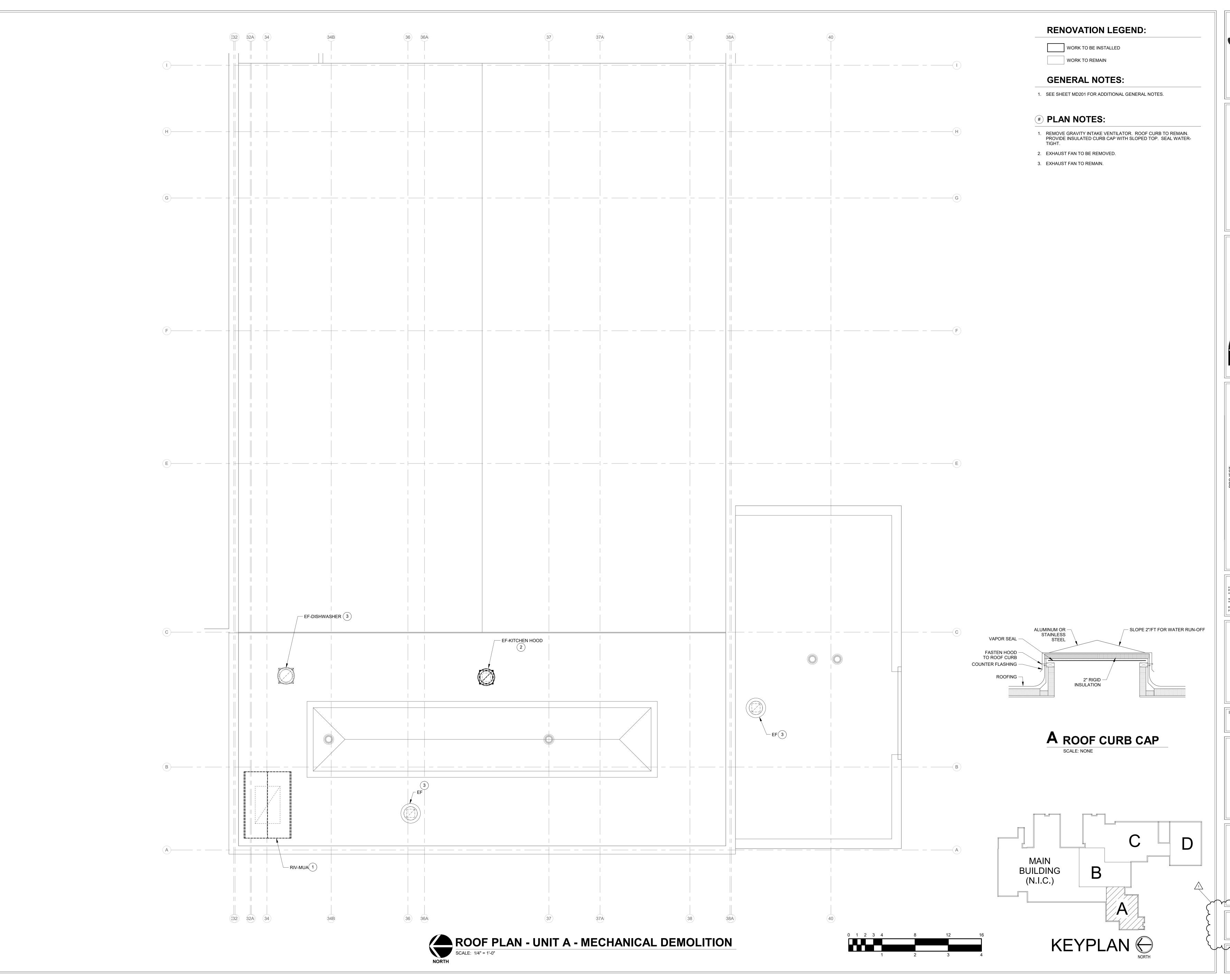
PLAN - UNIT A

CERTIFIED BY:



AD201







SCOPE DRAWINGS:

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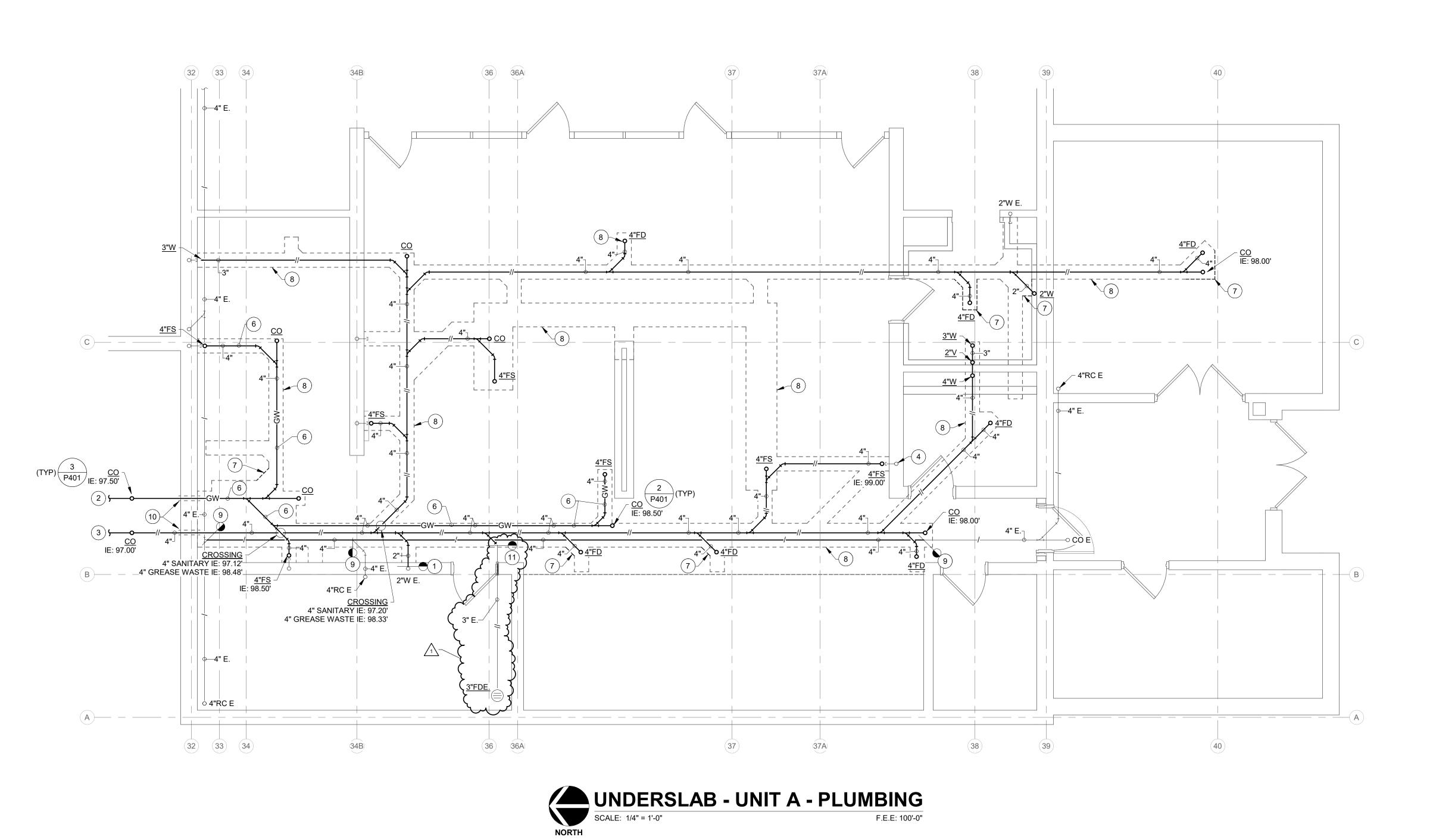
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DRAWING TITLE:

ROOF PLAN -UNIT A -MECHANICAL DEMOLITION



MD221 2021061





WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

- 1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.
- 2. EXISTING FOUNDATION WALL PENETRATIONS LOCATIONS ARE ASSUMED PER EXISTING DRAWINGS. FIELD VERIFY EXACT LOCATION AND DEPTHS OF EXISTING OPENINGS IN FOUNDATION WALL. INVERT ELEVATIONS NOTED ON THESE DRAWING FOR REFERENCE ONLY. ALL INVERTS OF PIPING TO BE FIELD COORDINATED.
- PRIOR TO ANY SAW CUTTING OF EXISTING FLOOR, THE EXISTING FLOOR SHALL BE SCANNED/X-RAYED TO VERIFY LOCATION OF ALL UNDERSLAB PIPING AND CONDUITAND CLEARLY INDICATED ON FLOOR.

PLAN NOTES:

- 1. CONNECT 2" WASTE TO EXISTING 2" WASTE PIPING AT THIS POINT.
- 2. 4" GREASE WASTE. REFER TO CIVIL / SITE SHEETS.
- 3. 4" SANITARY WASTE. REFER TO CIVIL / SITE SHEETS.
- 4. ABANDONED VENT PIPING.
- 5. ABANDONED WASTE / VENT PIPING.
- 6. GREASE WASTE PIPING TO BE CAST IRON.
- SAW CUT AND PATCH EXISTING CONCRETE FLOOR. REFER TO ARCHITECTURAL / STRUCTURAL SHEETS FOR MORE INFORMATION.
- 8. EXISTING SAW CUT. REFER TO SHEET PD101.
- 9. CONNECT 4" STORM PIPING TO EXISTING 4" STORM PIPING.
- ROUTE 4" SANITARY AND 4" GREASE WASTE THRU EXISTING OPENINGS IN FOUNDATION WALL.
- 11. CONNECT 3" WASTE TO EXISTING 3" WASTE PIPING AT THIS POINT.



8831 Keystone Crossing, Indianapolis, IN 46240

R.E. Dimono and Associates, Inc. Consulting Engineers 732 N Capitol Ave. Indianapolis, IN 46206 Pr. 734 A677

ODITIONS AND RENOVATION FULL RELEASE
72 IN-3. GREENSBURG. INDIANA 472

SCOPE DRAWINGS:

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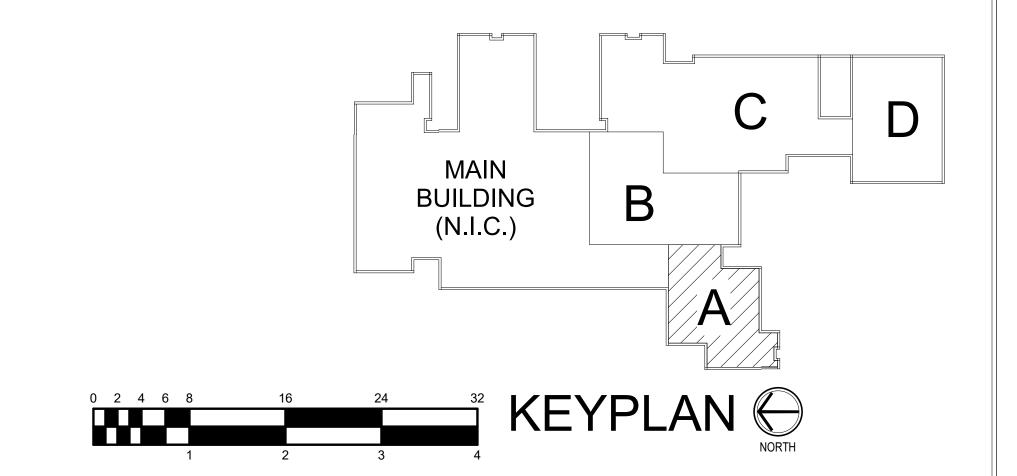
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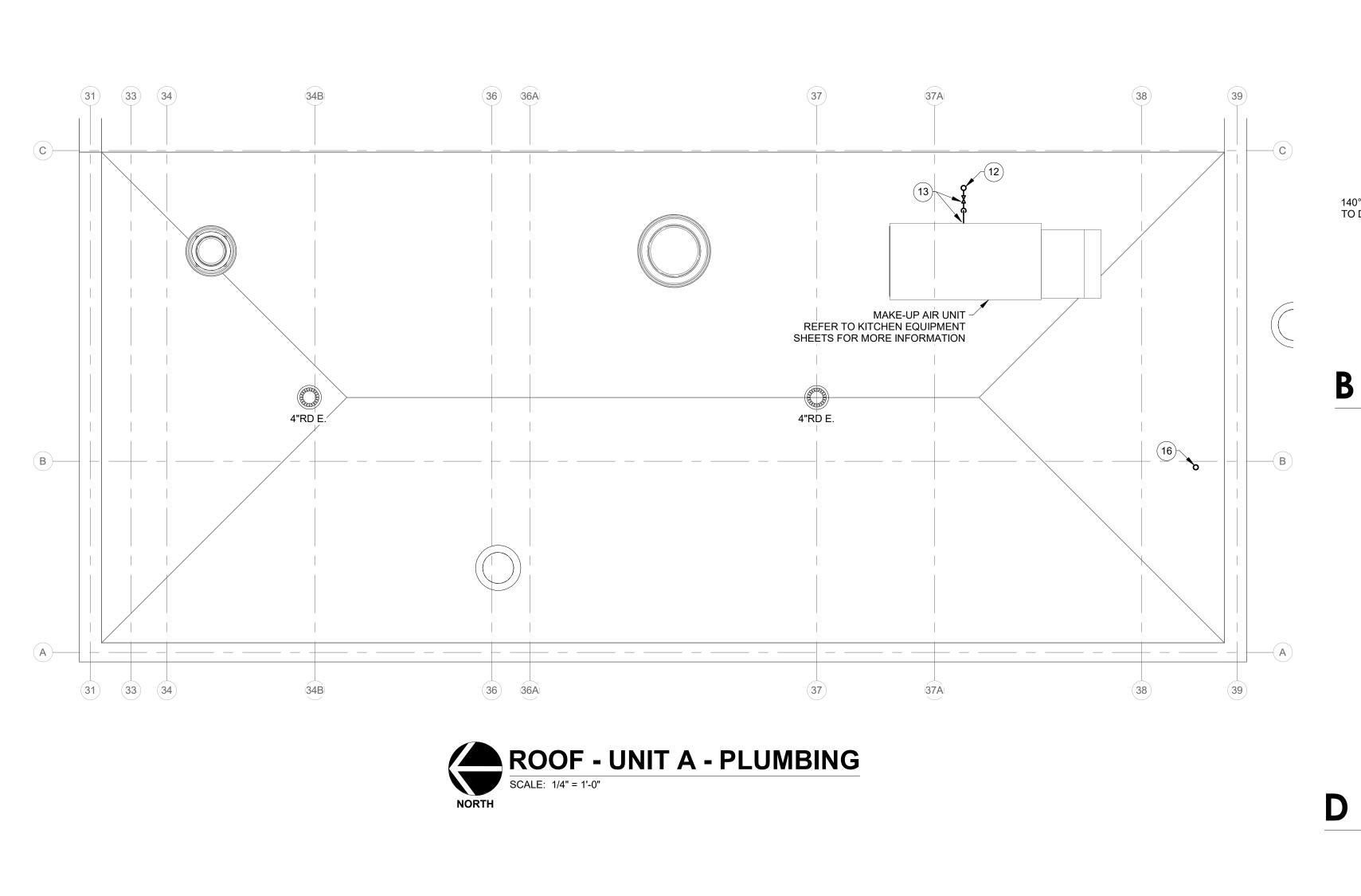
UNDERSLAB
PLAN - UNIT A PLUMBING

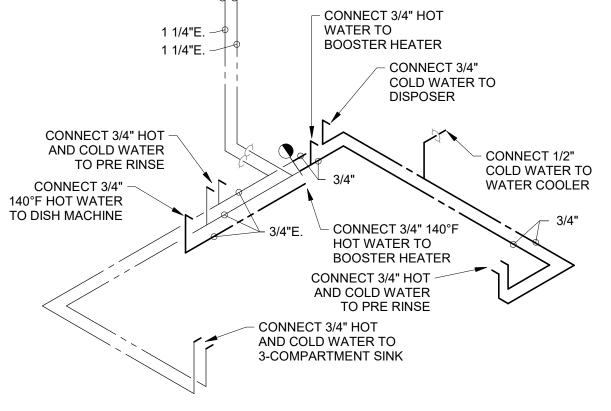
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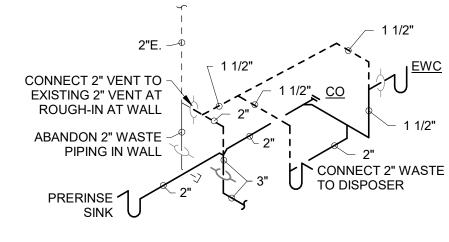


B HOT AND COLD WATER DIAGRAM SCALE: NONE

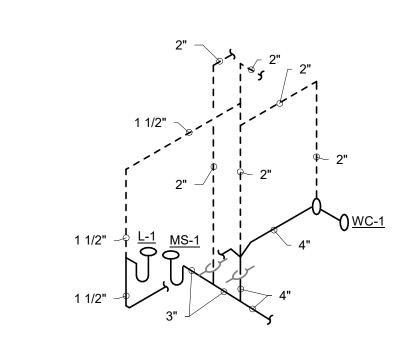
SHUT-OFF VALVE -

1/2"

SHUT-OFF VALVE -

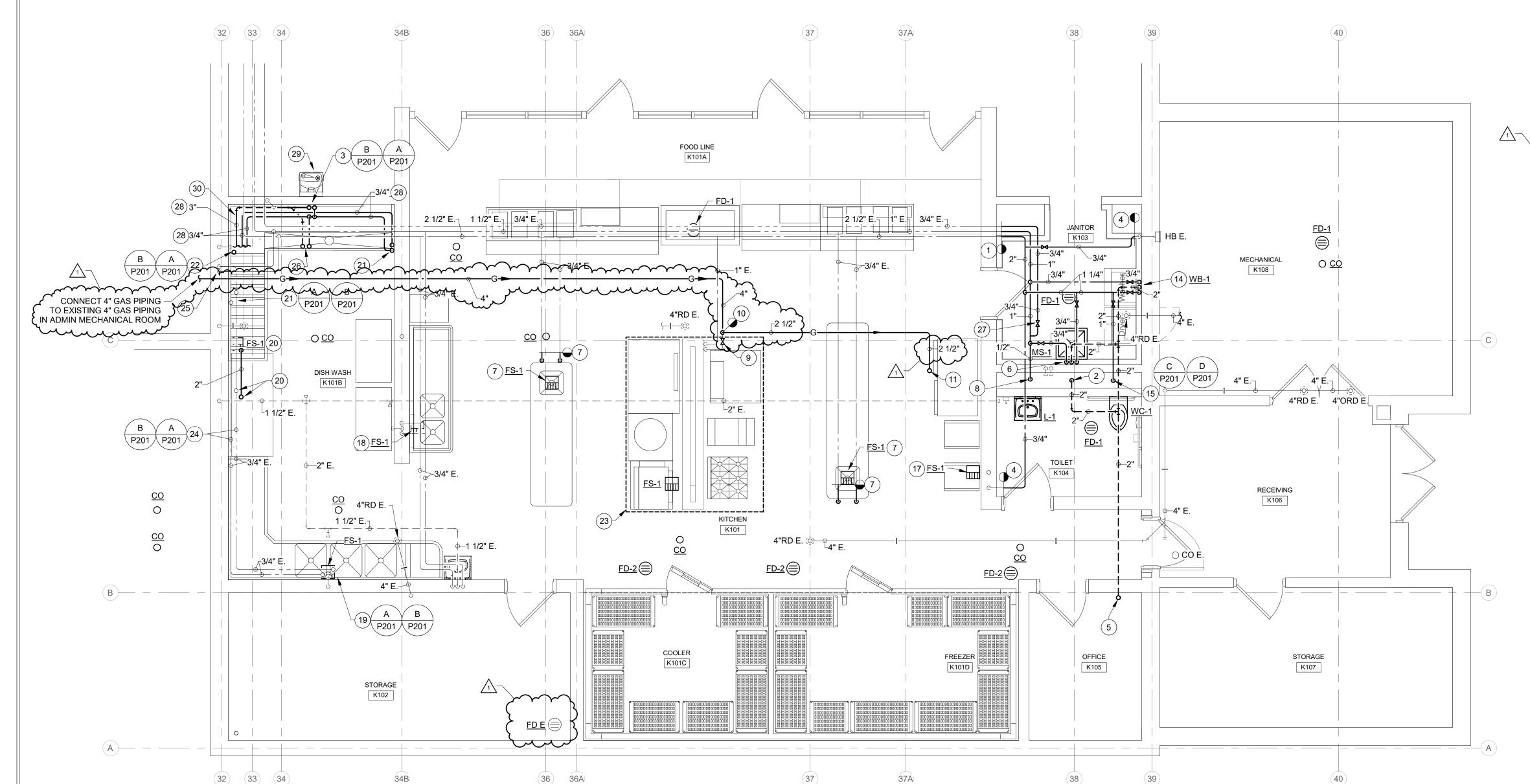


A WASTE AND VENT DIAGRAM SCALE: NONE



D HOT AND COLD WATER DIAGRAM SCALE: NONE





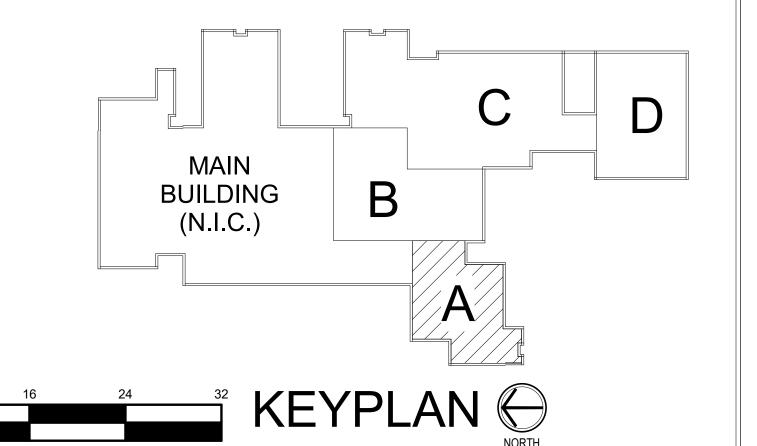
FIRST FLOOR - UNIT A - PLUMBING

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

4" GAS MAIN ROUTED FROM MAIN BOILER ROOM AND SERVES THE BUILDING AT 7" WC. 2" GAS PIPING SERVING KICHTEN CONNECTS TO 4" BUILDING GAS PIPING IN ADMIN MECHANICAL ROOM. EXTEND 4" @ 7"WO GAS PIPING FROM ADMIN MECHAINCAL ROOM TO KITCHEN EQUIPMENT AND NEW MAKE UP AIR UNIT. CONNECT 4" GAS PIPING TO EXISTING GAS PIPING SERVING KITCHEN EQUIPMENT UNDER THE HOOD.

WATER HAMMER ARRESTER SCHEDULE						
TYPE	I.P.S.	F.U. RATING	J.R. SMITH NO.	WADE NO.	ZURN NO.	REMARKS
А	3/4"	1 - 11	5005	W-5	100	P.D.I. CERTIFIED

FIXTURE ROUGH-IN SCHEDULE & MOUNTING HEIGHTS							
MARK NO.	FIXTURE DESCRIPTION		HW	TRAP INTEGRAL	W	V	MOUNTING HEIGHTS 17" TO SEAT
WC-1	WATER CLOSET - WALL HUNG, FLUSH VALVE -ADA		-				
L-1	LAVATORY - WALL HUNG, ADA	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	34" TO RIM
MS-1	MOP SERVICE BASIN	3/4"	3/4"	3"	3"	2"	36" TO FAUCET
WB-1	CLOTHES WASHER BOX	3/4"	3/4"	2"	2"	1-1/2"	48" ABOVE FINISH FLOOR





WORK TO BE INSTALLED WORK TO REMAIN

GENERAL NOTES:

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- PRIOR TO ANY SAW CUTTING OF EXISTING FLOOR, THE EXISTING FLOOR SHALL BE SCANNED/X-RAYED TO VERIFY LOCATION OF ALL UNDERSLAB PIPING AND CONDUIT AND CLEARLY INDICATED ON

ALL INVERTS OF PIPING TO BE FIELD COORDINATED.

PLAN NOTES:

- 1. CONNECT 1" HOT WATER, 2" COLD WATER, AND 3/4" HOT WATER RETURN TO EXISTING 1" HOT WATER, 2 1/2" COLD WATER, AND 3/4" HOT WATER RETURN PIPING.
- 2. 4" WASTE DOWN. 2" VENT UP.
- 3. RECONNECT 1/2" COLD WATER AND 1 1/2" WASTE PIPING TO WATER
- 4. CONNECT 3/4" COLD WATER TO EXISTING COLD WATER PIPING.
- 5. 2" VENT UP. 4" VENT THRU ROOF.
- 6. 3/4" HOT AND 3/4" COLD WATER DOWN. 2" VENT FROM BELOW.
- 7. RECONNECT 3/4" HOT WATER AND 3/4" COLD WATER TO EXISTING HOT AND COLD WATER PIPING ABOVE THE CEILING AND EXTEND/CONNECT TO ISLAND SINK. INSULATE PIPING PER SPECIFICATIONS. CONNECT 2" DRAIN PIPING TO ISLAND SINK AND TERMINATE OVER FLOOR SINK.
- 8. 3/4" HOT WATER DOWN TO LAVATORY.
- 9. INSTALL EMERGENCY GAS SHUT-OFF VALVE PROVIDE BY KITCHEN EQUIPMENT CONTRACTOR. COORDINATE INSTALLATION WITH
- 10. CONNECT 4" GAS PIPING TO EXISTING 2" GAS PIPING SERVING KITCHEN EQUIPMENT UNDER THE HOOD.
- 11. 2 1/2" GAS PIPING UP TO ROOF TOP MAKE-UP AIR UNIT.
- 12. 2 1/2" GAS PIPING FROM BELOW.
- 13. CONNECT 2 1/2" GAS PIPING TO MAKE AIR UNIT. CONNECT GAS PIPING TO MAKE AIR UNIT WITH SHUT-OFF VALVE, UNION, AND DIRT LEG. COORDINATE CONNECTION WITH KITCHEN EQUIPMENT CONTRACTOR.
- 15. 1" COLD WATER DOWN. EXTEND 1/2" COLD WATER TO LAVATORY AND 1" COLD WATER WATER CLOSET.
- 16. 4" VENT THROUGH THE ROOF.
- 17. RECONNECT 3/4" COLD WATER TO ICE MACHINE. RECONNECT 1" DRAIN PIPING TO ICE BIN. TERMINATE OVER FLOOR DRAIN.
- 18. RECONNECT 3/4" HOT WATER AND 3/4" COLD WATER TO 2 COMPARTMENT SINK. RECONNECT 2" DRAIN PIPING TO SINK AND TERMINATE OVER FLOOR SINK.
- 19. RECONNECT 3/4" HOT WATER AND 3/4" COLD WATER TO 3 COMPARTMENT SINK. RECONNECT 2" DRAIN PIPING TO SINK AND TERMINATE OVER FLOOR SINK.
- 20. RECONNECT 3/4" 140°F HOT WATER TO DISH MACHINE. RECONNECT 2" DRAIN PIPING TO DISH MACHINE AND ALL OTHER DRAIN CONNECTIONS RELATED TO DISH MACHINE AND TERMINATE OVER
- 21. RECONNECT 3/4" HOT WATER AND 3/4" COLD WATER TO PRERINSE SINK. CONNECT 2" WASTE PIPING TO PRERINSE AND CONNECT TO 3" WASTE PIPING UNDER THE COUNTER.
- 22. 3" WASTE DOWN. CONNECT 2" VENT TO EXISTING VENT ROUGH-IN AT WALL. EXTEND 2" WASTE PIPING TO DISPOSER, WATER COOLER, AND
- 23. RECONNECT WATER AND GAS PIPING TO KITCHEN EQUIPMENT FROM EXISTING WATER AND GAS PIPING AT THE WALL, UNDER THE HOOD. RECONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK. COORDINATE CONNECTIONS WITH KITCHEN EQUIPMENT.
- 24. EXISTING HOT AND COLD WATER PIPING ON WALL.
- 25. EXISTING 1 1/4" HOT AND 1 1/4" COLD WATER ROUGH-INS SERVING DISHWASHING ROOM EQUIPMENT.
- 26. RECONNECT 3/4" COLD WATER AND 3" WASTE PIPING TO DISPOSER.
- 27. DOMESTIC HOT WATER RETURN BALANCE VALVE SET AT 0.5 GPM.
- 28. 3/4" HOT, 3/4" COLD, 1 1/2" VENT, AND 3" WASTE PIPING ROUTED ON WALL BELOW DISHTABLE. 29. REINSTALL WATER COOLER AND CONNECT TO NEW ROUGH-INS.
- 30. RECONNECT 314 HOT WATER TO BOOSTER HEATER AND EXTEND 3/4" 140°F HOT WATER TO DISHMACHINE.

CHOOL

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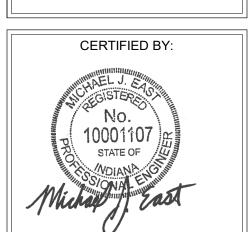
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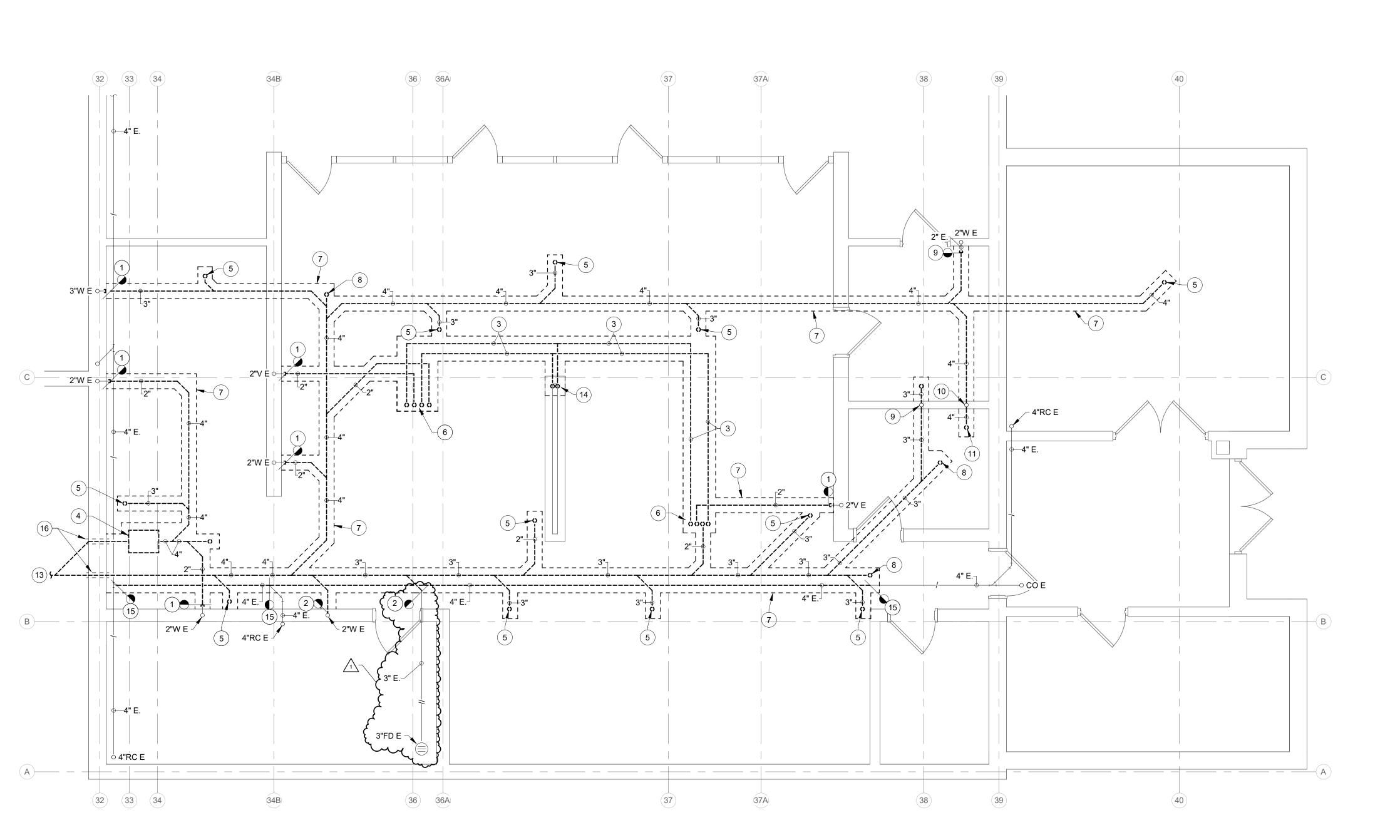
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01/12/2024

DRAWING TITLE: FIRST FLOOR PLAN - UNIT A -**PLUMBING**



DRAWING NUMBER P201



UNDERSLAB - UNIT A - PLUMBING DEMOLITION

DEMOLITION LEGEND:

WORK TO BE REMOVED

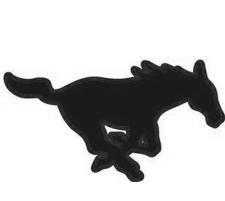
WORK TO REMAIN

GENERAL NOTES:

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- 3. PRIOR TO ANY SAW CUTTING OF EXISTING FLOOR, THE EXISTING FLOOR SHALL BE SCANNED/X-RAYED TO VERIFY LOCATION OF ALL UNDERSLAB PIPING AND CONDUITAND CLEARLY INDICATED ON

PLAN NOTES:

- 1. REMOVE WASTE PIPING TO THIS POINT AND CAP.
- 2. REMOVE WASTE PIPING TO THIS POINT AND MAKE READY FOR NEW CONNECTION.
- 3. REMOVE HOT AND COLD WATER PIPING COMPLETE.
- 4. REMOVE GREASE INTERCEPTOR COMPLETE.
- 5. REMOVE FLOOR DRAIN COMPLETE.
- 6. REMOVE HOT WATER, COLD WATER, WASTE, AND VENT PIPING COMPLETE.
- 7. SAW CUT AND PATCH EXISTING CONCRETE FLOOR. REFER TO ARCHITECTURAL / STRUCTURAL SHEETS FOR MORE INFORMATION.
- 8. REMOVE CLEANOUT COMPLETE.
- 9. ABANDON 2" WASTE STACK IN WALL.
- 10. ABANDON 2" VENT IN WALL.
- 11. REMOVE 4" CLOSET FLANGE COMPLETE. 12. REMOVE 3" OPEN SITE DRAIN COMPLETE.
- 13. REFER TO CIVIL / SITE SHEETS FOR CONTINUATION.
- 14. REMOVE HOT AND COLD WATER PIPING FROM ABOVE TO THIS POINT AND CAP.
- 15. REMOVE STORM PIPING TO THIS POINT AND MAKE READY FOR NEW CONNECTION.
- 16. PIPE PENETRATIONS THRU EXISTING FOUNDATION WALL TO REMAIN.



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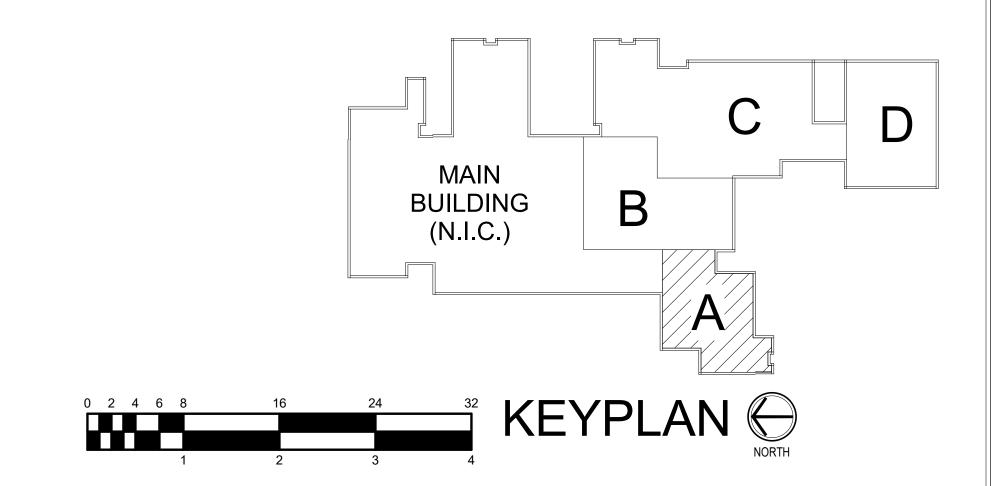
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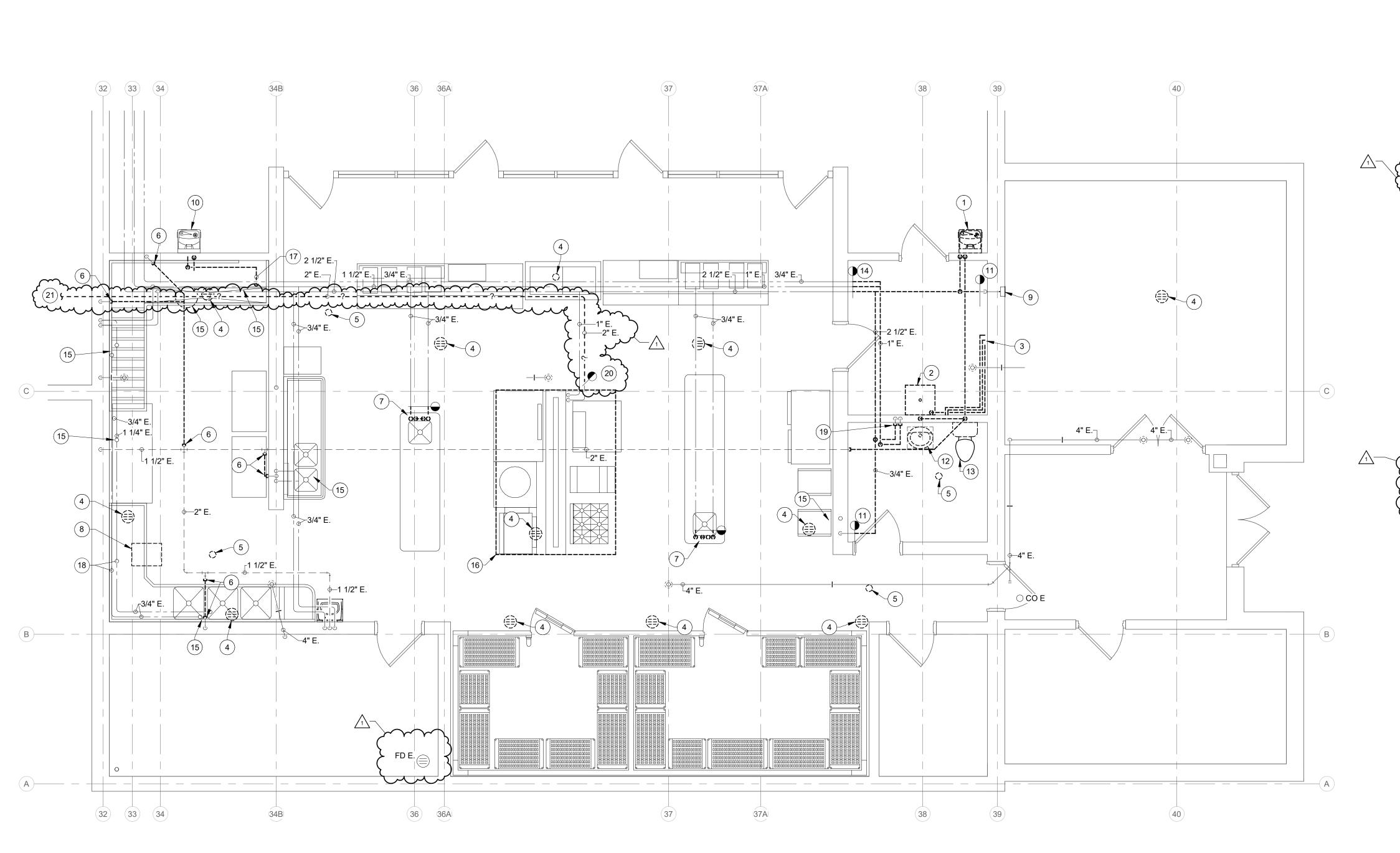
DRAWING TITLE: UNDERSLAB PLAN - UNIT A -PLUMBING **DEMOLITION**

VLC



DRAWING NUMBER PD101 PROJECT NUMBER 2021061





FIRST FLOOR - UNIT A - PLUMBING DEMOLITION

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

DEMOLITION LEGEND:

WORK TO BE REMOVED

WORK TO REMAIN

GENERAL NOTES:

- REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.
- 2. DISCONNECT DOMESTIC WATER AND WASTE PIPING TO KITCHEN EQUIPMENT. MAKE EXISTING ROUGH-INS REDY FOR NEW CONNECTIONS.
- 3. RECONNECT DOMESTIC WATER AND WASTE PIPING TO KITCHEN EQUIPMENT AS REQUIRED BY EQUIPMENT MANUFACTURER.
- 4. KITCHEN EQUIPMENT REMOVAL, STORAGE, AND REINSTALLED BY

PLAN NOTES:

- REMOVE WATER COOLER COMPLETE. CAP ROUGH-INS IN WALL.
 REMOVE MOP SINK COMPLETE. REMOVE HOT AND COLD WATER PIPING BACK INTO WALL AND CAP. ABANDON PIPING IN WALL IN
- 3. REMOVE HOT AND COLD WATER, AND WASTE PIPING FROM WASHER COMPLETE.
- 4. REMOVE FLOOR DRAIN COMPLETE.
- 5. REMOVE CLEANOUT.
- 6. REMOVE VENT PIPING TO THIS POINT AND CAP.
- 7. REMOVE ABANDONED HOT AND COLD WATER FROM BELOW, AND WASTE / VENT PIPING COMPLETE. REMOVE HOT AND COLD WATER FROM ABOVE TO A POINT ABOVE THE CEILING AND MAKE READY FOR NEW CONNECTION.
- 8. REMOVE GREASE INTERCEPTOR COMPLETE.
- 9. HOSE BIBB TO REMAIN.

 10. REMOVE WATER COOLER AND RETAIN FOR REINSTALLATION.
 REMOVE WATER AND WASTE ROUGH-INS THRU WALL.

 11. REMOVE COLD WATER TO THIS POINT. MAKE READY FOR NEW CONNECTION.
- 12. REMOVE LAVATORY COMPLETE. REMOVE WATER AND WASTE PIPING BACK TO WALL AND CAP. ABANDON PIPING IN WALL IN PLACE.
- 13. REMOVE FLOOR MOUNTED WATER CLOSET COMPLETE. REMOVE WATER PIPING BACK TO WALL AND CAP. REMOVE CLOSET FLANGE. ABANDON PIPING IN WALL IN PLACE.
- 14. REMOVE HOT WATER, COLD WATER, AND HOT WATER RETURN TO THIS POINT. MAKE READY FOR NEW CONNECTION.
- 15. DISCONNECT WATER SUPPLIES TO KITCHEN EQUIPMENT AND REMOVE BACK TO ROUGH-INS AT WALL. MAKE READY FOR NEW CONNECTION. KITCHEN EQUIPMENT REMOVAL BY OTHERS.
- 16. DISCONNECT ALL WATER AND GAS SUPPLIES TO KITCHEN

EQUIPMENT UNDER THE HOOD. RANGE ON WALL TO REMAIN.

- 17. REMOVE WASTE PIPING SERVING DRINKING FOUNTAIN.
- 18. HOT AND COLD WATER ROUTED ON WALL UNDER COUNTER TO REMAIN. PROTECT PIPING DURING REMOVAL AND INSTALLATION OF KITCHEN EQUIPMENT.
- 19. REMOVE HOT AND COLD WATER BACK TO WALL AND CAP. ABANDON PIPING IN WALL IN PLACE.

 20. REMOVE 2" GAS PIPING TO THIS POINT AND MAKE EXISTING 2" GAS PIPING READY FOR NEW CONNECTION.
- 21. REMOVE 2" GAS PIPING BACK TO 4" GAS MAIN IN ADMIN MECHANICAL ROOM. MAKE EXISTING 4" GAS PIPING READYR FOR NEW

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and Associates, In Consulting Engine 732 N Capitol Ave. Indianapolis, IN 46206 Ph: (317) 634-4672 Email: info@redimond.com

NORTH DECATUR HIGH SCHOOL
ADDITIONS AND RENOVATIONS
FULL RELEASE
3172 IN-3, GREENSBURG, INDIANA 47240

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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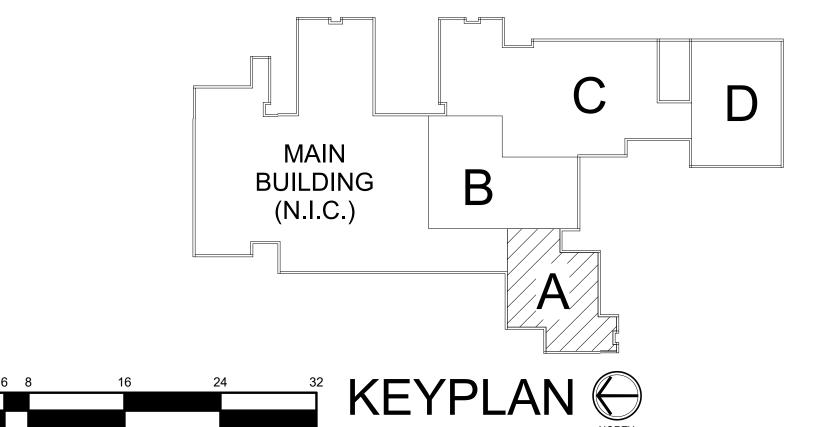
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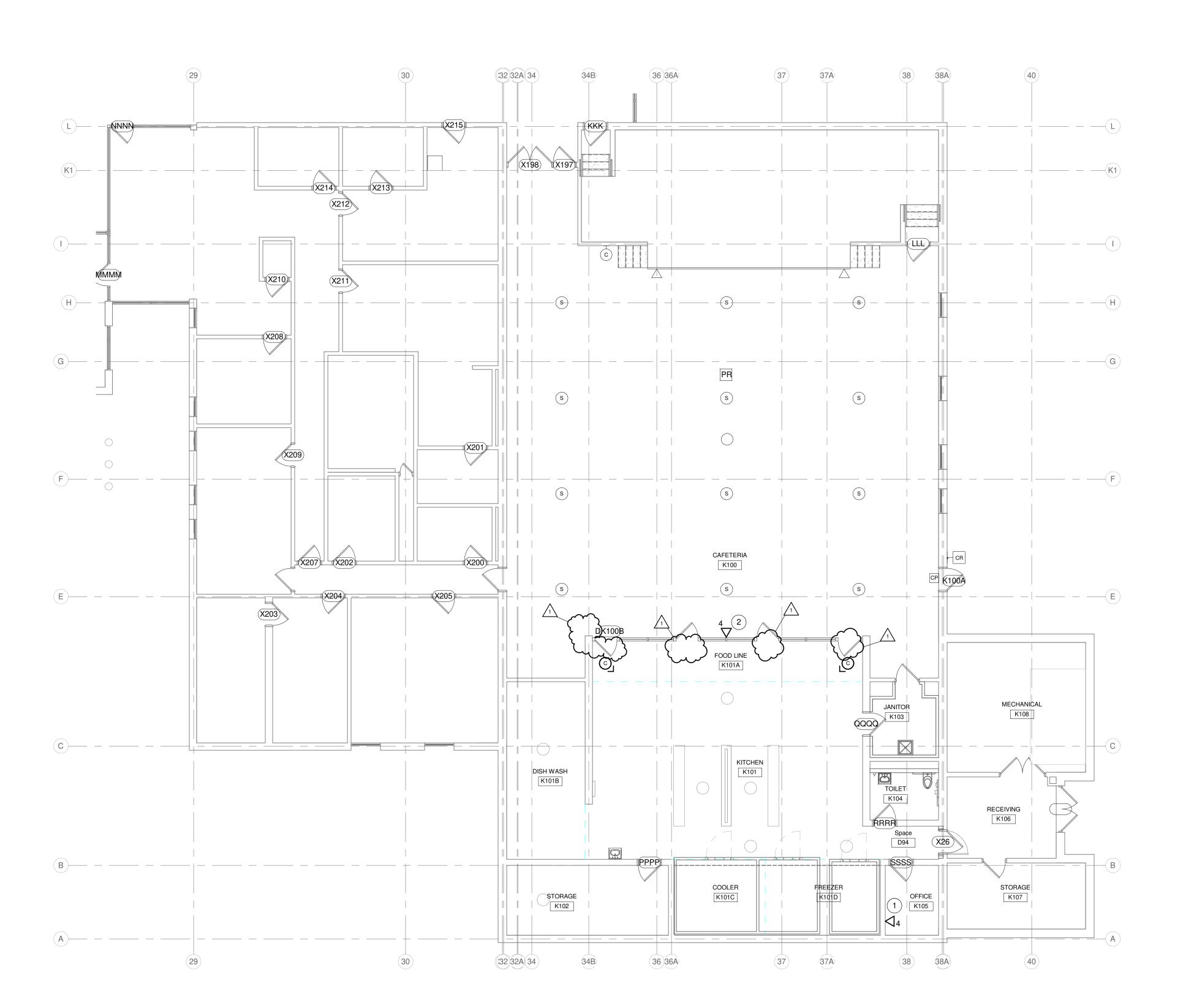
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FIRST FLOOR
PLAN - UNIT A PLUMBING
DEMOLITION











WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING T001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

- 1. PROVIDE SURFACE RACEWAY AS SPECIFIED TO CONCEAL CABLING.
- 2. CONCEAL CABLING INSIDE NEW VERTICAL CHASE AND INSTALL OUTLETS FLUSH.

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NORTH DECATUR HIGH SCHOO ADDITIONS AND RENOVATIONS FULL RELEASE 3172 IN-3, GREENSBURG, INDIANA 47240

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FIRST FLOOR
PLAN - UNIT A TELECOM.

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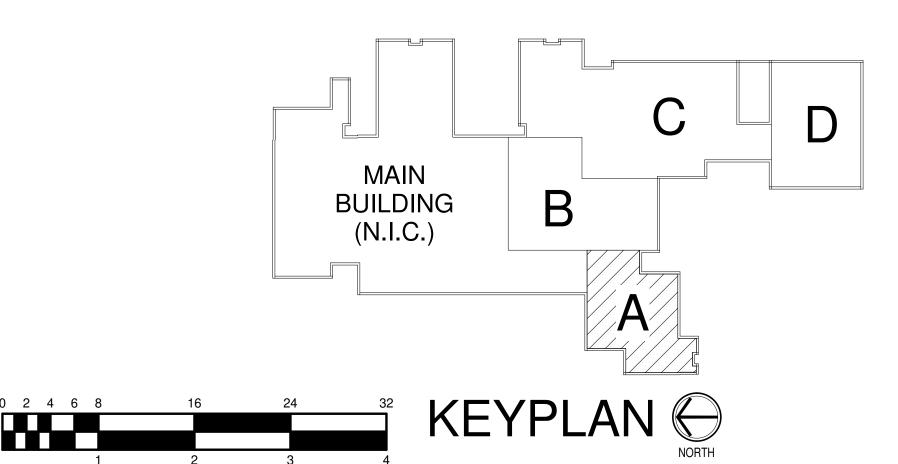
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EXPIRES 12-31-24

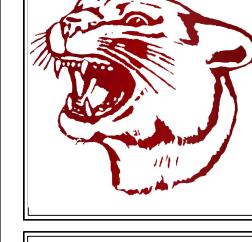
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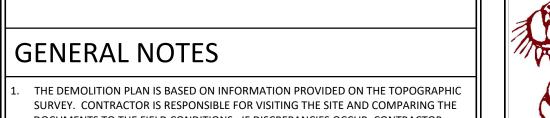


DRAWING NUMBER

PROJECT NUMBER 20210162







DOCUMENTS TO THE FIELD CONDITIONS. IF DISCREPANCIES OCCUR, CONTRACTOR THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING STRUCTURES, STONE,

SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD. CONCRETE AND PAVEMENT OFF SITE UNLESS NOTED TO REMAIN ON THE CONTRACT

DRAWINGS. THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION. IF A MONUMENT IS MOVED OR DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SURVEYOR OF RECORD. THIS SECTION REQUIRES THE REMOVAL AND DISPOSAL, OFF SITE, OF THE FOLLOWING:

 a. SPECIFIED OBJECTS b. VEGETATION WITHIN THE WORK AREA. CONTRACTOR SHALL SUBMIT THE FOLLOWING IN ACCORDANCE WITH CONDITIONS OF THE CONTRACT AND APPROPRIATE SPECIFICATION SECTIONS:

a. A DETAILED SEQUENCE AND SCHEDULE OF DEMOLITION AND REMOVAL WORK TO BE COMPLETED. JOB CONDITIONS a. SALVAGED MATERIALS: ITEMS OF SALVAGEABLE VALUE TO CONTRACTOR MAY BE REMOVED FROM SITE AS WORK PROGRESSES. TRANSPORT SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.

b. STORAGE OR SALE OF REMOVED ITEMS WILL NOT BE PERMITTED ON SITE. c. EXPLOSIVES: USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED. d. TRAFFIC: CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. e. DO NOT CLOSE OR OBSTRUCT ROADS, STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRE BY GOVERNING AUTHORITIES. f. PROTECTIONS: ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION, CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, AND OTHER FACILITIES AND INJURY TO PERSONS. g. DAMAGES: PROMPTLY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES

BY DEMOLITION OPERATIONS. h. UTILITY SERVICES: MAINTAIN EXISTING UTILITIES TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT, CAP AND REMOVE UTILITY SERVICES PER LOCAL REQUIREMENTS. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTIONS HAVE BEEN COMPLETED TO THE SATISFACTION OF LOCAL UTILITIES. (AS REQUIRED) DEMOLITION a. BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS TO A DEPTH OF

NOT LESS THAN 48 INCHES BELOW LOWEST FOUNDATION LEVEL. b. FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION. BACK FILL TO BE COMPACTED TO 90% STANDARD PROCTOR OR 98% ON NEW STRUCTURES. DISPOSAL OF DEMOLISHED MATERIALS a. GENERAL: REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.

b. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE. TEMPORARY TRAFFIC CONTROL DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.



💥 = LIGHT ON BUILDING CAMERA ON BUILDING

= SEWER CLEANOUT

 ⊞ = SQUARE CATCH BASIN w---w- =WATER LINE

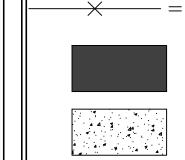
E---E-ELECTRIC LINE

U----U-=UNKNOWN ANOMALY

ss——ss—=SUSPECTED SANITARY SEWER s——s—=SUSPECTED STORM SEWER X = CHAIN LINK FENCE

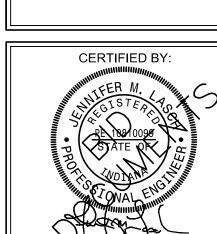
= CONCRETE

= GRAVEL



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BENCHMARK DATA

SURVEY NOT PROVIDED WORK SHOWN PER AERIAL AND EXISTING PLANS

PER INDIANA STATE LAW IS-69-1991. IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE

UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

○ KEYNOTES

ABANDON IN PLACE.

PRIOR TO ORDERING GREASE TRAP.

EXISTING 8" SANITARY SEWER LINE.

SAWCUT AT NEAREST JOINT LINE.

DEMOLITION LEGEND

HHHHHHHHH PAVEMENT TO BE SAWCUT

ASPHALT TO BE REMOVED

CONCRETE TO BE REMOVED

VEGETATION TO BE CLEARED

OBJECT TO BE PROTECTED

UTILITY TO BE REMOVED

A. LOCATE SANITARY SEWER. PROVIDE INVERT AT BUILDING AND 40'

DOWNSTREAM TO ENGINEER TO CONFIRM SIZE AND CAPACITY OF LATERAL

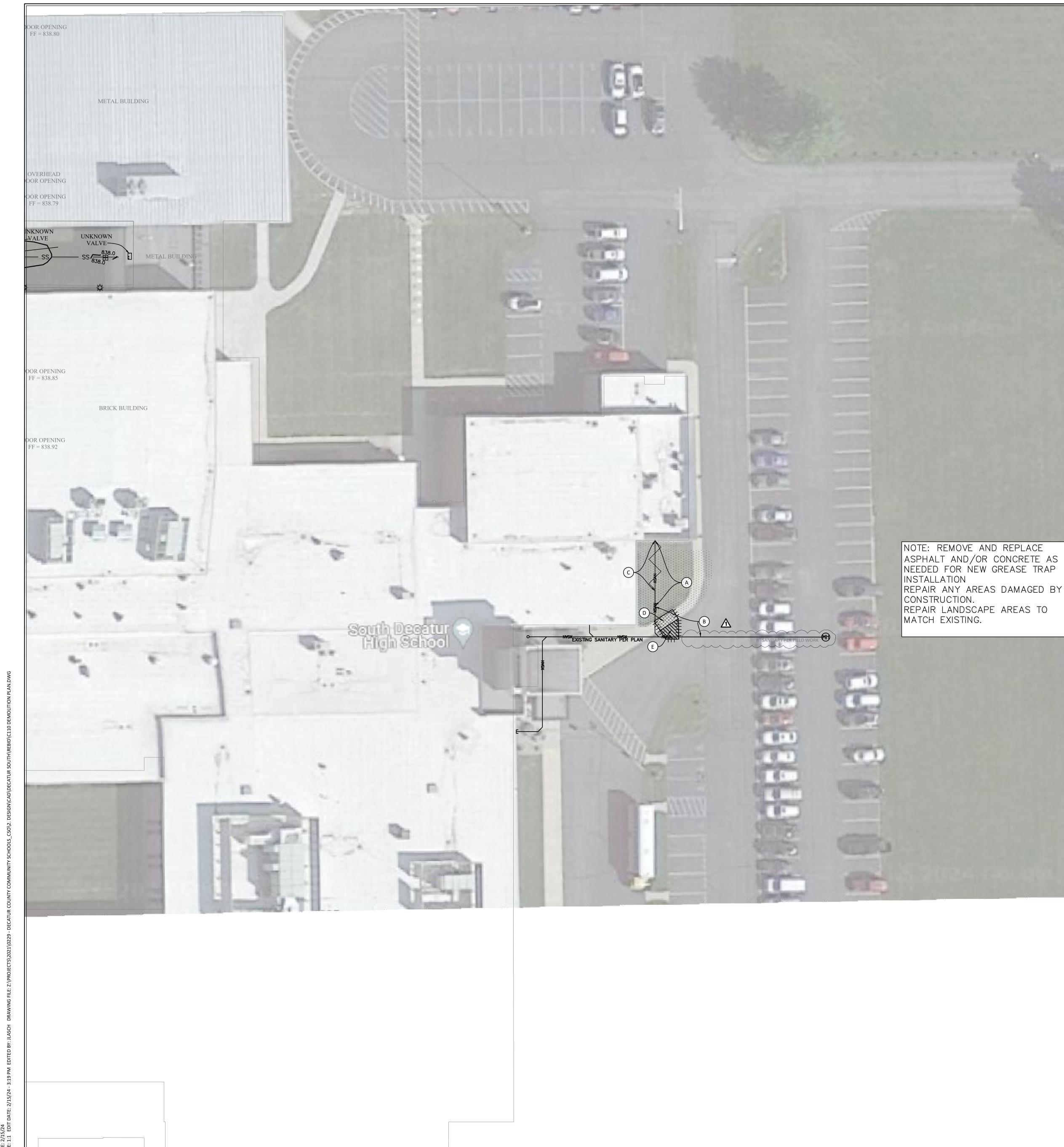
REMOVE SANITARY LATERAL AS NEEDED FOR GREASE TRAP INSTALLATION.

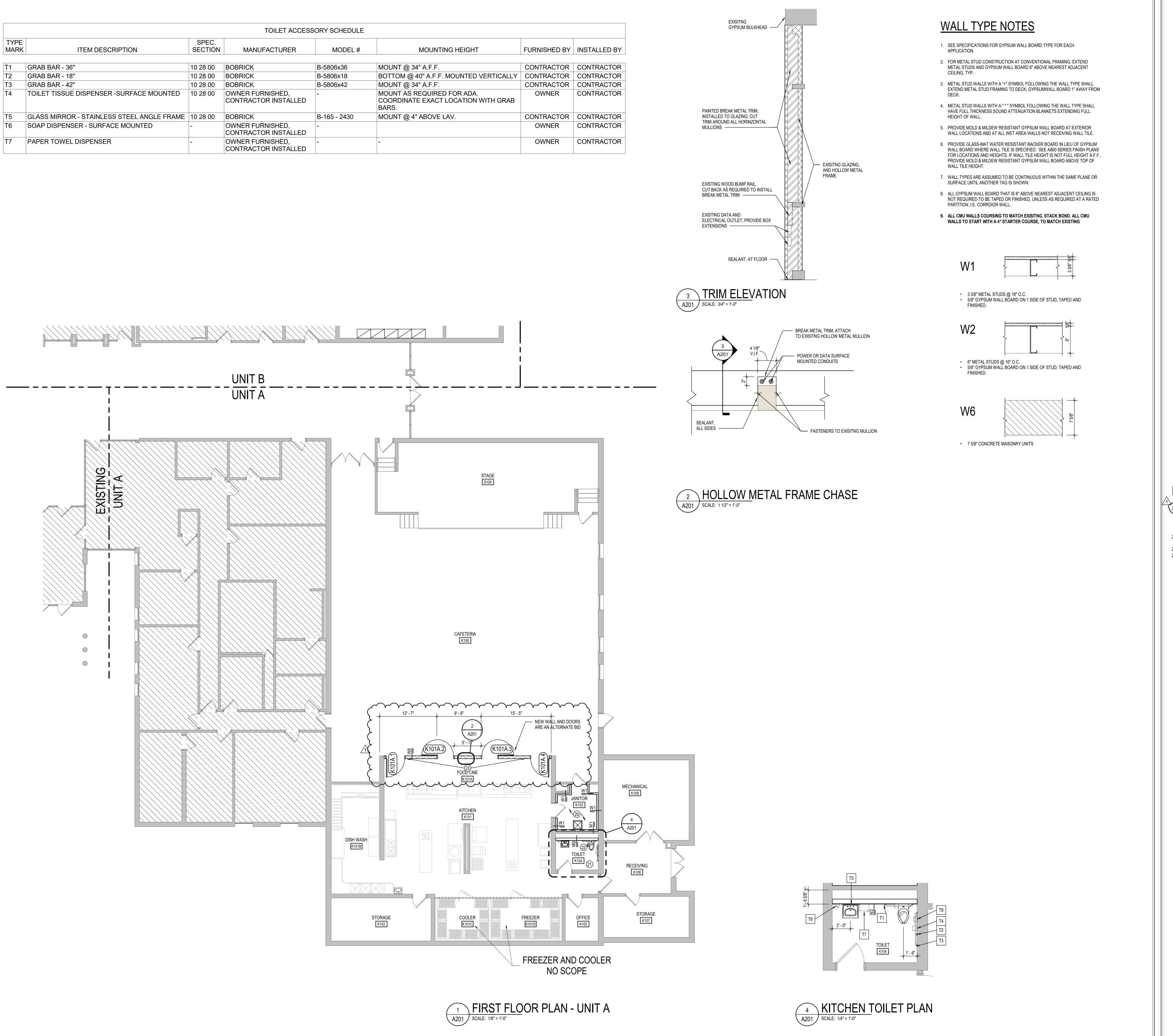
IF DOWNSTREAM PORTION OF LATERAL IS LESS THAN 6" IN SIZE AND/OR

SAWCUT AND REMOVE CONCRETE WALK AS NEEDED FOR CONSTRUCTION.

SAWCUT AND REMOVE ASPHALT PAVING AS NEEDED FOR CONSTRUCTION.

DOES NOT MEET ELEVATION OR SLOPE REQUIREMENTS, CAP AND





- 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 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 STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION. G. 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 VIEW. 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. M. 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 O. 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. P. 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 R. 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 ACROSS 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 REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
- 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. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
- WHERE DISSIMILAR 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 BACKSLASHES AT
- JUNCTURE WITH WALL. 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 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

(20) INSTALL NEW TYPE W1 WALL ALONG EXISTING WALL SURFACE OF ENTIRE ROOM. INCLUDING ABOVE DOORS AND ENCLOSE EXISTING DUCT. COORDINATE WORK WITH MEP DRAWINGS, ENTIRE HEIGHT AND WIDTH OF THE NEW WALL SURFACE SHALL RECEIVE FRP PANELS. REINSTALL WASHER AND DRYER IN SAME LOCATION, COORDINATE WITH MOP SINK IN ROOM WITH ADDITIONAL CHASE WALL.

- 21 LIGHTING TO REMAIN IN THIS LOCATION. PROVIDE TEMPORARY SUPPORT DURING
- 22 2'x2' WALL ACCESS DOOR, SEE SPEC. 23 WITH ALTERNATE BID, REINSTALL ALL ELEC. OUTLETS, DATA OUTLETS, ETC, IN

BUILDING

(N.I.C.)

KEYPLAN ①

B

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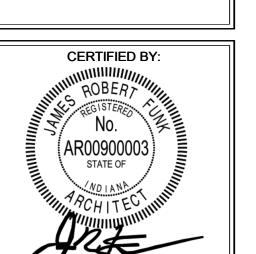
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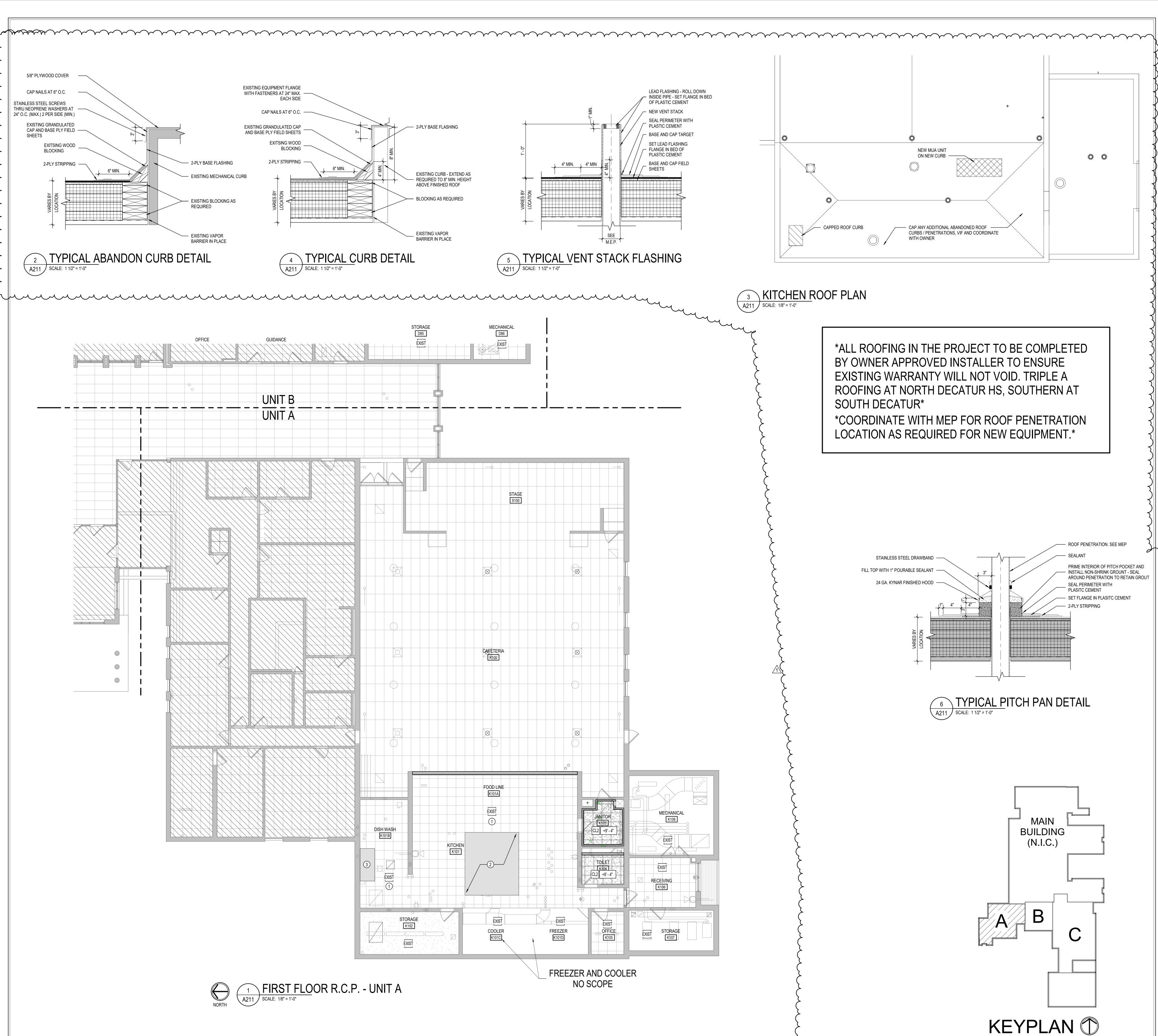
DRAWING TITLE: WALL TYPE SCHEDULE & FIRST FLOOR

PLAN - UNIT A



DRAWING NUMBER A201





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
- 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.

 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
- 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, ETC.
 ALL EXISTING GYPSUM OR PLASTER CEILINGS AND BULKHEADS TO

REMAIN ARE TO BE PAINTED P-- CEILING BRIGHT WHITE UNLESS

SEE MECHANICAL, PLUMBING AND ELECTRICAL DÓCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

NOTED OTHERWISE (SEE A800 SERIES DRAWINGS).

FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACED MOUNTED, SEE ELECTRICAL DRAWINGS DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL

CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DRAWINGS

RETURN/EXHAUST GRILL; SEE MECHANICAL DRAWINGS

SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS

LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS

SUSPENDED ACOUSTICAL LAY-IN CEILING
MFG: ARMSTRONG MODEL #1935
STYLE: ULTIMA HEALTH ZONE
DESCRIPTION: SQUARE EDGE
COLOR: WHITE SIZE: 2' x 2' x 3/4"
LOCATION: RESTROOMS, LOCKER ROOMS

EXIST EXISTING CEILING GRID TO REMAIN

CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

REFLECTED CEILING PLAN NOTES

- CEILING TO BE REMOVED AND REINSTALLED AS REQUIRED TO ACCOMMODATE MECHANICAL AND KITCHEN RANGE HOOD WORK, REINSTALL CEILING IN LIKE EXISTING CONDITION.
 EXISTING KITCHEN RANGE HOOD, V.I.F. COORDINATE ABOVE CEILING WORK WITH FOOD SERVICE AND MECHANICAL DRAWINGS.
- EXISTING DISHWASHER EXHAUST HOOD, V.I.F.

ROOF ABBREVIATIONS

DUCT THRU ROOF METAL DOWNSPOUT EXHAUST FAN; SEE MECHANICAL

EXPANSION JOINT
FLUE STACK; SEE MECHANICAL
PLUMBING VENT
RELIEF AIR VENT; SEE MECHANICAL

GS GRAVEL STOP
ROOF DRAIN

GENERAL ROOF NOTES

- I. ALL WORK SHALL BE IN ACCORDANCE WITH THE BEST QUALITY STANDARDS OF THE TRADE, AND SHALL CONFORM WITH THE LATEST EDITION OF ALL FEDERAL, STATE, AND LOCAL CODES AND STANDARDS. THE SAME ARE MADE A PART OF THESE CONTRACT DOCUMENTS, AS IF REPEATED HEREIN.

 2. CONTRACT DOCUMENTS CONSIST OF BOTH THE PROJECT MANUAL AND DRAWINGS, AND BOTH ARE INTENDED TO BE COMPLEMENTARY. ANYTHING
- APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH. CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE, HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM.

 CONTRACTOR SHALL PROVIDE ANY AND ALL TEMPORARY UTILITY SERVICE REQUIRED TO CONSTRUCT THE WORK. CONTRACTOR MAY EXTEND SERVICES FROM EXISTING LOCATIONS TO WHERE THEY ARE REQUIRED. REMOVE
- TEMPORARY UTILITIES AND RELATED EXTENSIONS AS SOON AS PRACTICABLE.
 RESTORE ALL AFFECTED AREAS TO ORIGINAL CONDITION.

 5. CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND ROOF DAILY.

 6. STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.

 7. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING.
 CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT ALL TIMES.
- ALL TIMES.

 9. CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING
 CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES
 SHALL BE PROTECTED BY TEMPORARY WALK PADS.

 10. PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION
 SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR
- SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR PER SECTION I-49 OF THE FM GLOBAL LOSS PREVENTION GUIDE.

 11. EXTEND ALL PLUMBING VENTS TO PROVIDE A MIN. OF 12" OF HEIGHT FROM TOP OF INSULATION. ALL FITTINGS TO BE AIR AND WATER TIGHT. SEE PLUMBING PLANS FOR LOCATIONS.

 12. ROOF INSULATION SADDLES AND CRICKETS ARE DIAGRAMMATIC. ROOF
- INSULATION MANUFACTURER SHALL DESIGN AND SIZE THESE PER THE ROOF MEMBRANE MANUFACTURERS RECOMMENDATIONS. CRICKETS AND SADDLES SHOULD HAVE A MINIMUM OF TWO TIMES THE SLOPE OF THE PRIMARY TAPERED SYSTEM OR STRUCTURAL SLOPE. THE RATIO OF A CRICKET'S WIDTH TO LENGTH SHOULD BE NO LESS THAN 1 TO 3.

 13. PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE
- MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS.

 14. PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE INSULATION HEIGHT TO ANOTHER.

 15. NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE
- THE SURFACE OF THE DECK.

 16. PERIMETER EDGE METAL TO COMPLY WITH ANSI/SPRI ES-1 FM GLOBAL 1-49.

 17. SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP EQUIPMENT.

 18. INSPECT ALL WOOD BLOCKING SCHEDULED TO REMAIN NOTICY ARCHITECT OF
- 18. INSPECT ALL WOOD BLOCKING SCHEDULED TO REMAIN. NOTIFY ARCHITECT OF ANY DETERIORATED BLOCKING NEEDING REPLACEMENT. CONTRACTOR TO REPLACE AND DAMAGED BLOCKING ON A TIME AND MATERIAL BASIS, SEE SPECIFICATIONS.
- ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC.
 ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED
 ACCORDING TO MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPROVED
 DETAIL DRAWINGS. ALL ASSEMBLY COMPLICATIONS SHOULD BE BROUGHT TO
 THE ATTENTION OF THE ARCHITECT.
 THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, GUTTERS AND
 DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOF
 CONTRACTOR SHALL CLEAR ALL DRAINS, GUTTERS AND DOWNSPOUTS PRIOR TO
 COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND
- INFORMATION AND COORDINATE ALL REQUIRED ROOF OPENINGS OR ROOF MOUNTED EQUIPMENT.

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NUTH DECATUR JR/SR HIGH SCHOC RE-BID KITCHEN SCOPE FULL RELEASE

SCOPE DRAWINGS:

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01/12/2024

FIRST FLOOR REFLECTED

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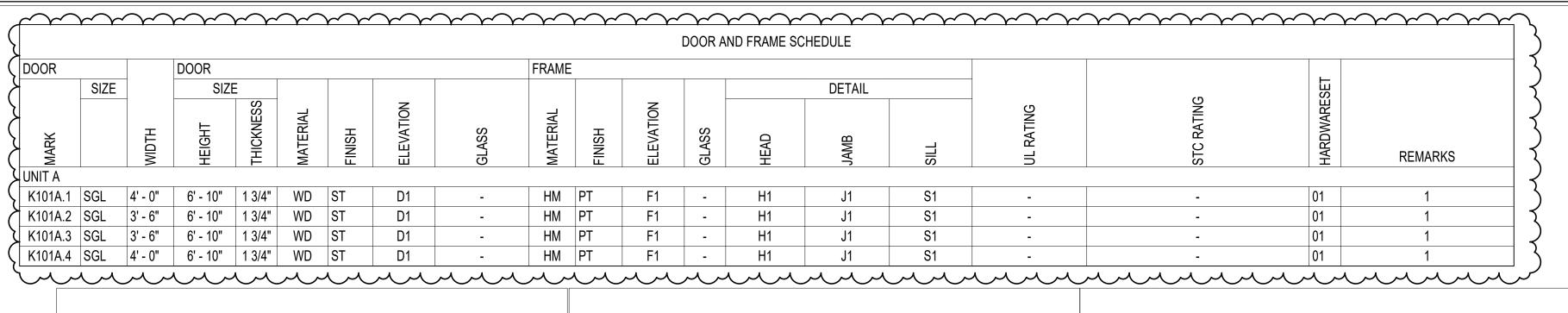
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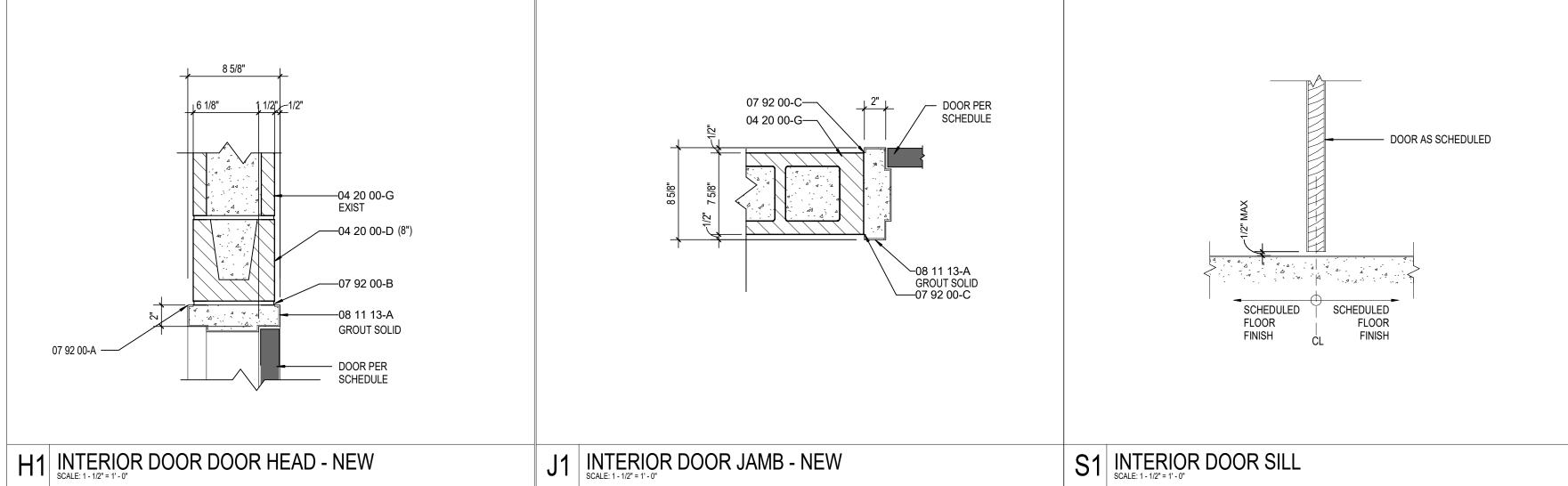
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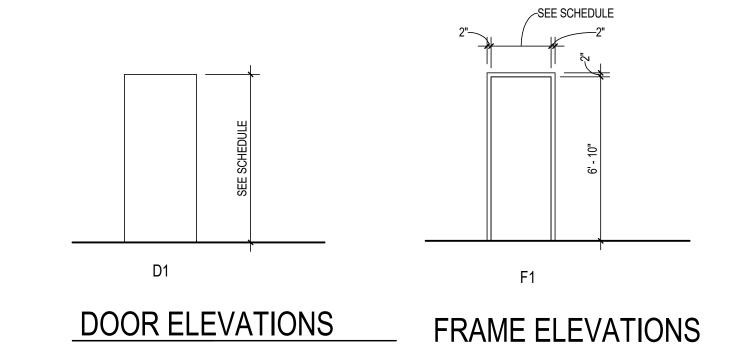
STATE OF

CEILING PLAN-

DRAWING NUMBER
A211







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

GLASS SCHEDULE

G1 - 1" THICK TEMPERED, LOW E, INSULATING GLAZING WITH 2 PANES 1/4" GLASS AND 1/2" AIRSPACE.

G2 - UL LISTED 20 MINUTE ASSEMBLY RATED CLEAR GLAZING.
G3 - UL LISTED 45 MINUTE ASSEMBLY RATED CLEAR GLAZING
MFR - GLASS BY STC DOOR MANUFACTURER.
G4 - 1/4" CLEAR FULLY TEMPERED GLAZING

ABBREVIATIONS LEGEND

AN = ANODIZED CLEAR (TO MATCH EXISTING)
GHM = GALVANIZED HOLLOW METAL
GL = GLASS

GL = GLASS

HM = HOLLOW METAL

PT = PAINT

PT = PAINT WD = WOOD ST = STAIN

THAT LABEL.

ST = STAIN

45M = 45 MINUTE ASSEMBLY RATING

* = SEE REMARKS COLUMN FOR NOTES

EX-HM = EXISTING HOLLOW METAL DOOR FRAME EX-GL = EXISTING GLASS

EX-GL = EXISTING GLASS

EX-ST = EXISTING WOOD STAIN

FX = EXISTING DOOR FRAME, PAINT.

20M = 20 MINUTE ASSEMBLY RATING

SS = #4 STAINLESS STEEL FINISH.

OCD = OVERHEAD COILING COUNTER DOOR.

GENERAL DOOR 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.

 E. 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
- J. WHERE AN STC RATING IS INDICATED ON THE DOOR SCHEDULE, HARDWARE AND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF THAT LABEL.
- 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.

 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 WITH THE SCHEDULED HARDWARE.

 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.

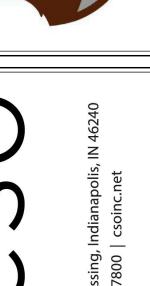
 Q. PROVIDE SILENCERS ON ALL DOOR FRAMES.
- R. SEE STRUCTURAL DRAWINGS FOR REQUIREMENTS FOR MASONRY AND STEEL LINTELS. PROVIDE STRUCTURAL STEEL LINTELS AT OPENINGS OPENINGS WHERE INDICATED ON THE STRUCTURAL STEEL DRAWINGS IN LIEU OF MASONRY LINTEL AS SHOWN IN THESE DETAILS.
- LIEU OF MASONRY LINTEL AS 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.

DOOR REMARKS

ALTERNATE BID ITEM FOR THIS DOOR





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SOUTH DECATUR JR/SR HIGH SCHOO RE-BID KITCHEN SCOPE FULL RELEASE 8885 IN-3, GREENSBURG, INDIANA 47240

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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REVISIONS:
ADDENDUM No 1 02/16/24

ISSUE DATE DRAWN BY CHECKED BY 01/12/2024 EHMH EHMH

DRAWING TITLE:

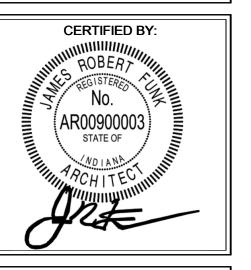
DOOR &

WINDOW

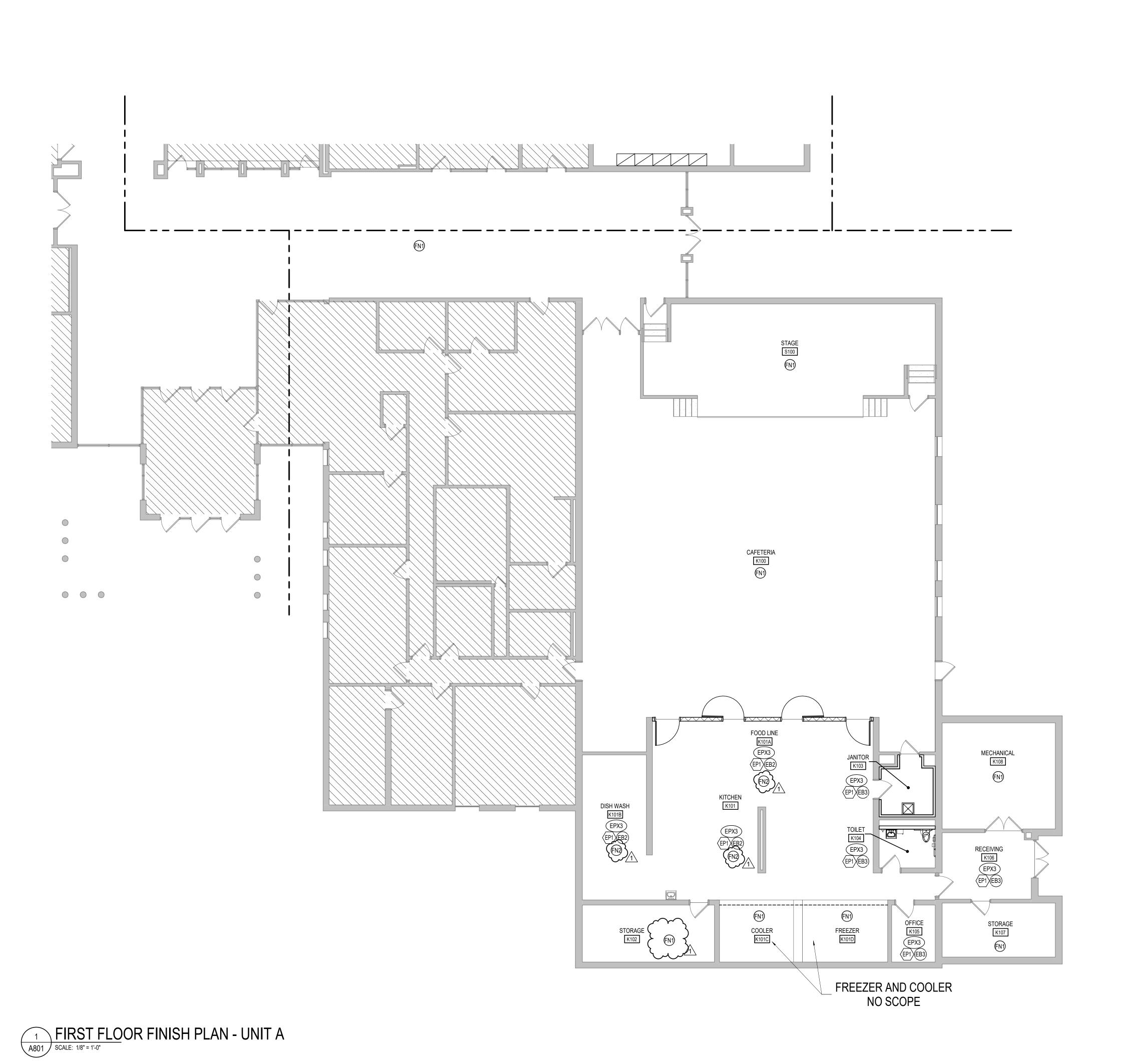
SCHEUDLE,

ELEVATIONS

AND DETAILS



A501



FINISH LEGEND

FLOOR FINISHES

EPOXY RESINOUS FLOORING

MFR: TNEMEC
STYLE: FULL REJECTION, DOUBLE
BROADCAST
BLEND: ROCKY RIDGE FB-801
SIZE: 1/4" FLAKES

LOCATION: KITCHEN, RESTROOM

WALL FINISHES EPOXY PAINT

EP1 MFR: SHERWIN WILLIAMS COLOR: MATCH P1

EPOXY BASE

MFR: TO MATCH EPX3
STYLE: TO MATCH EPX3
BLEND: TO MATCH EPX3
SIZE: 5" INTEGRAL
LOCATION: KITCHEN WHERE QUARRY TILE
NOTE: BASE HAS BEEN REMOVED
UTILIZE SCHLUTER QUADEC
PROFILE TO CAP TOP OF
EPOXY BROADCAST BASE.

EPOXY BROADCAST BASE.

(EB3) MFR: TO MATCH EPX3
STYLE: TO MATCH EPX3
BLEND: TO MATCH EPX3
SIZE: 4" INTEGRAL
LOCATION: RESTROOMS / OTHER
NOTE: UTILIZE SCHLUTER QUADEC
PROFILE TO CAP TOP OF

GENERAL FINISH NOTES

SPECIFICATIONS.

- 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
- 3. ALL SURFACES RECEIVING FINISHES SHALL BE PROPERLY PREPARED PER MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION.

4. WHERE DEMOLITION OCCURS, SURFACE IS TO BE PROPERLY PATCHED AND REPAIRED TO MATCH SURROUNDING SURFACES BEFORE FINISH IS APPLIED.

- CONTRACTOR RESPONSIBLE FOR PROTECTING FINISHES EXISTING TO REMAIN DURING CONSTRUCTION PROCESS.
- FOR CHANGE IN FLOOR FINISH MATERIAL, PROVIDE TRANSITION STRIP UNLESS NOTED OTHERWISE. G.C. IS TO SUBMIT COLOR SAMPLES OF RUBBER TRANSITION STRIPS TO ARCHITECT/DESIGNER FOR APPROVAL AND SELECTION OF COLOR.
 WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING THE TRANSITION IS TO BE ON CENTER OF THE DOOR UNLESS NOTED OTHERWISE.
- 8. SEE INTERIOR PAINT SPECIFICATIONS FOR SCHEDULE OF COATING TYPE PER SUBSTRATE.
- 9. PAINT WALLS BEFORE INSTALLING MARKER BOARDS, TACKBOARDS, ETC.
- 10. ALL NEW TACKBOARDS TO BE TS1 & ALL NEW MARKERBOARDS TO BE LOW GLOSS WHITE.
- 11. ALL WALL MOUNTED GRILLES, METAL PANELS, MISC. METALS, ETC. ARE TO BE PAINTED TO MATCH THE ADJACENT WALL FINISH UNLESS NOTED OTHERWISE.
- 12. ALL HOLLOW METALS DOORS AND FRAMES IN SCOPE AREA ARE TO BE PAINTED TO MATCH P2.13. WOOD DOORS ARE TO BE STAINED TO MATCH DESIGNER'S CONTROL SAMPLE.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

 14. ALL WINDOW STOOLS ARE TO BE SOLID SURFACE, SS1.
- 15. ALL GWB CEILINGS TO BE PAINTED P3, CEILING BRIGHT WHITE. SOFFITS/BULKHEADS TO BE PAINTED TO MATCH ADJACENT WALLS, UNLESS NOTED OTHERWISE.
- 16. WALL TILE TO BE INSTALLED WITH THE MINIMUM RECOMMENDED GROUT THICKNESS PER TILE MANUFACTURER.
- 17. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL FLOOR & TILE PATTERNS
- PRIOR TO INSTALLATION FOR ARCHITECT/DESIGNER APPROVAL.

 18. SOLID PLASTIC TOILET PARTITION COLOR TO BE SELECTED FROM MFR'S FULL
- RANGE.
- 19. CUBICLE CURTAIN TO BE SELECTED FROM MFR'S FULL RANGE.20. GYM WALL PADDING COLOR TO BE SELECTED FROM MFR'S FULL RANGE.
- 21. LOCKER COLOR TO BE SELECTED FROM MFR'S FULL RANGE.
- 23. INSTALL CARPET ACCORDING TO DIRECTIONAL ARROWS ON FINISH PLANS.

22. CORNER GUARDS AND/OR WALL PROTECTION TO BE SELECTED FROM MFR'S

- 24. EXISTING STAIR RAILS AND STAIR COMPONENTS TO BE PAINTED TO MATCH P2.25. ARCHITECTURAL COLUMNS TO BE PAINTED TO MATCH ADJACENT WALL, UNLESS
- NOTED OTHERWISE.

 26. WHERE EPOXY RESINOUS FLOORING OCCURS, COORDINATING EPOXY BASE IS
- 27. WENGER ULTRASTOR STORAGE CABINETS TO BE OYSTER LAMINATE WITH MATCHING OYSTER EDGEBANDING, HARDWARE, GRILLES, AND FASTENERS.
- 28. ALL CASEWORK WITH PVC EDGING TO HAVE A DIRECT COLOR MATCH TO THE

FINISH PLAN NOTES

TO EXTEND UP TOE OF CASEWORK IF APPLICABLE.

FN1 NO FINISH WORK THIS AREA, UNLESS NOTED OTHERWISE.

FN2
AT ALL LOCATIONS WHERE THERE IS QUARRY TILE FLOORING OR WALL BASE,
PATCH, PREP, FILL GROUT LINES ETC, TO CREATE A SMOOTH AND LEVEL
SURFACE FOR FLOOR FINISH INSTALLATION



8831 Keystone Crossing, Indianapolis, IN 46240

OUTH DECATUR JR/SR HIGH SCHOC RE-BID KITCHEN SCOPE FULL RELEASE 8885 IN-3, GREENSBURG, INDIANA 47240

SCOPE DRAWINGS:

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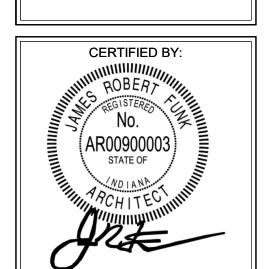
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FIRST FLOOR FINISH PLAN -UNIT A

01/12/2024



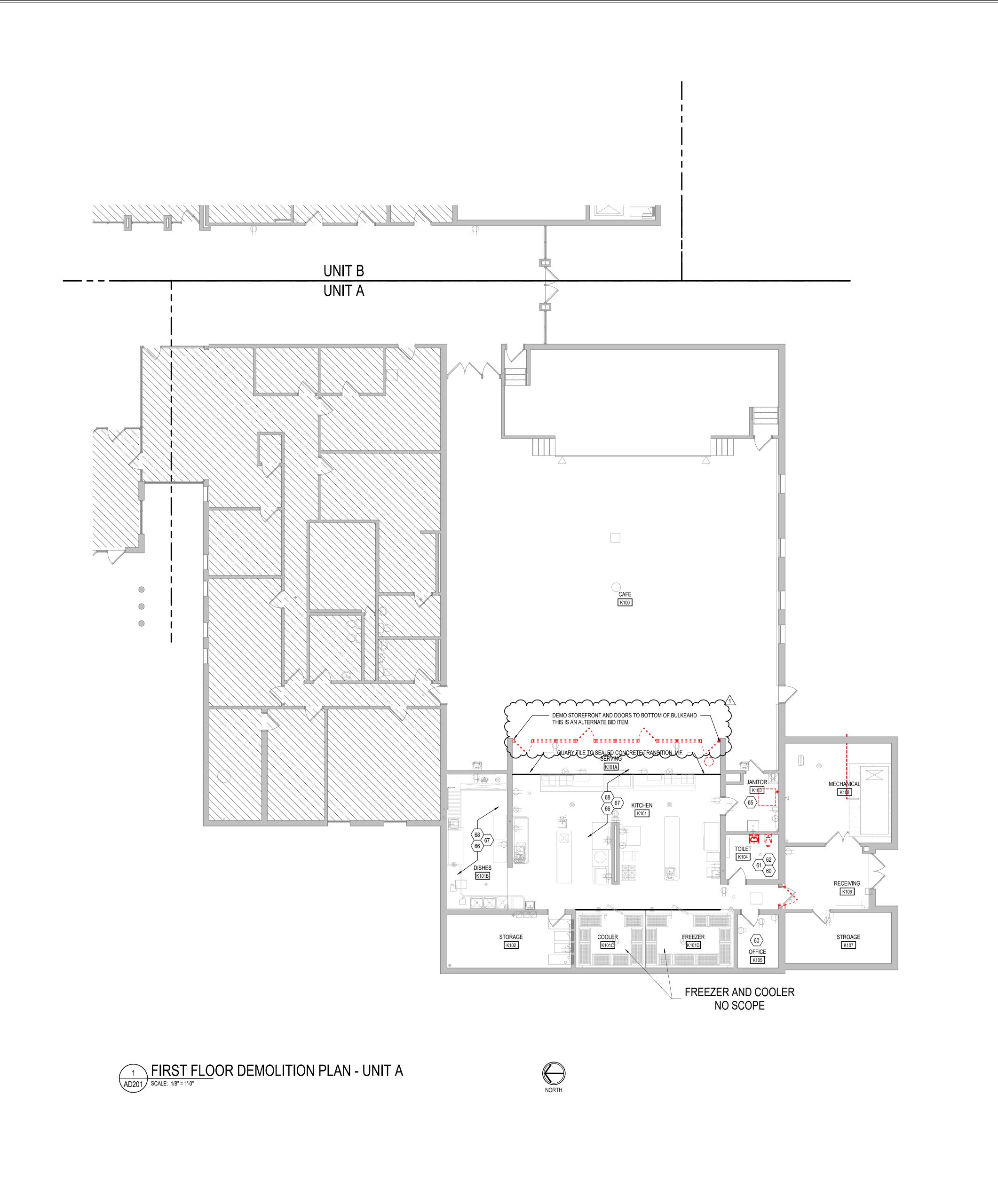
DRAWING NUMBER
A801

PROJECT NUMBER
2021062

KEYPLAN ①

BUILDING

(N.I.C.)





- 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. C. PROTECT ALL FINISHES, EQUIPMENT & OTHER ITEMS TO REMAIN.
- WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE
- RESTORE TO ITS ORIGINAL CONDITION OR REPLACE. D. 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. 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. 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 OF WORK.
- L. SEE SPECIFICATIONS FOR ASSIGNMENT OF RESPONSIBILITIES PERTAINING TO PATCHING AND REPAIR WORK REQUIRED OF EACH
- 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. 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 EDGES. 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

- 60 REMOVE FLOORING AND BASE FINISHES COMPLETE. INCLUDING BUT NOT LIMITED TO: VINYL, VINYL TILE, LVT, CARPET, CERAMIC TILE, AND BASE. REMOVE FLOORING AND BASE ADHESIVES, INCLUDING ALL THIN SET OR MORTAR BEDS. PREPARE SURFACES TO RECEIVE NEW FINISHES, REFER TO A800 SERIES DRAWINGS FOR MORE INFORMATION.
- 61 REMOVE PLUMBING FIXTURES COMPLETE. 62 REMOVE CEILING COMPLETE.
- 65 REMOVE CEILING COMPLETE.
- 66 REMOVE OWNER KITCHEN APPLIANCES TO COMPLETE MEP WORK. REINSTALL IN SAME CONDITION AND IN SAME LOCATION.
- REMOVE PORTION OF EXISTING ACT CEILING, GRID, CEILING TILES, LIGHTING,
- CEILING DEVICES, ETC.. AS REQUIRED TO COMPLETE NEW MECHANICAL AND KITCHEN HOOD WORK. REINSTALL CEILING, GIRD, CEILING TILES, LIGHTS, CEILING DEVICES, ETC... TO LIKE EXISTING CONDITION.
- 68 REMOVE ENTIRE KITCHEN QUARY TILE FLOOR AND WALL BASE. COORDINATE WITH MEP FOR EXTENT OF WORK. PATCH AND PREP AND LEVEL FLOOR AND WALL SURFACE TO RECEIVE NEW FINISHES PER A800 SERIES DRAWINGS.



SC m H DECATUR JR/SR HIGH S RE-BID KITCHEN SCOPE FULL RELEASE 35 IN-3, GREENSBURG, INDIANA 4

SCOPE DRAWINGS:

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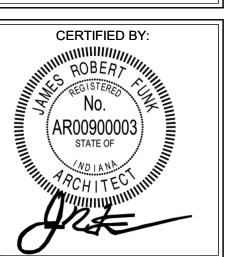
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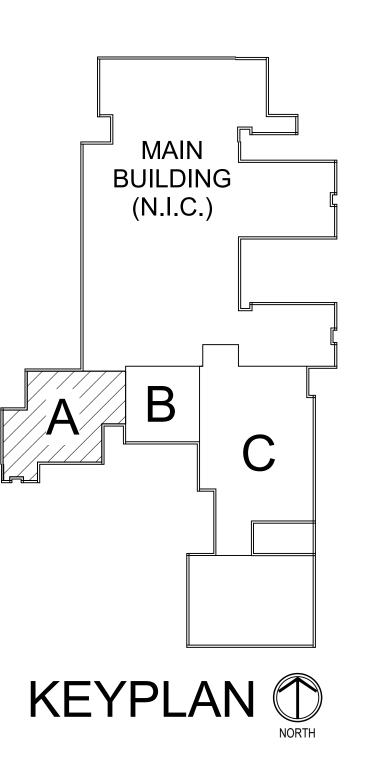
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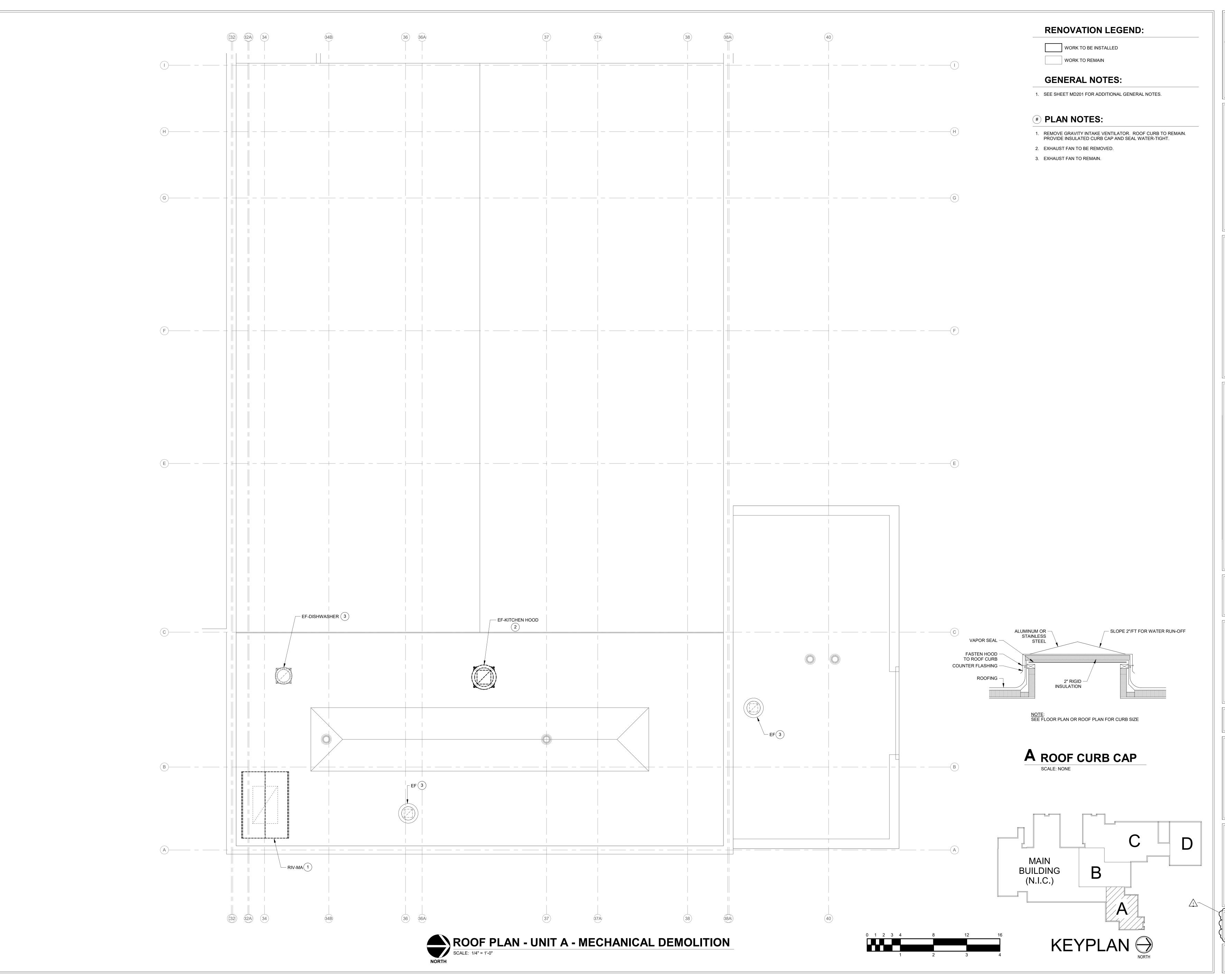
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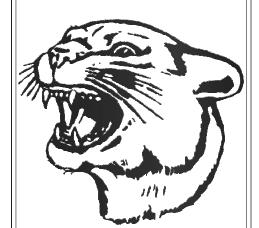
DRAWING TITLE: FIRST FLOOR **DEMOLITION** PLAN - UNIT A



AD201







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mond es, Inc. ngineers

R.E. Din and Associates Consulting Eng

SOUTH DECATUR HIGH SCHOC ADDITIONS AND RENOVATION FULL RELEASE 8885 IN-3, GREENSBURG, INDIANA 4724

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ADDENDUM 1 02/08/2024

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ROOF PLAN UNIT A MECHANICAL
DEMOLITION

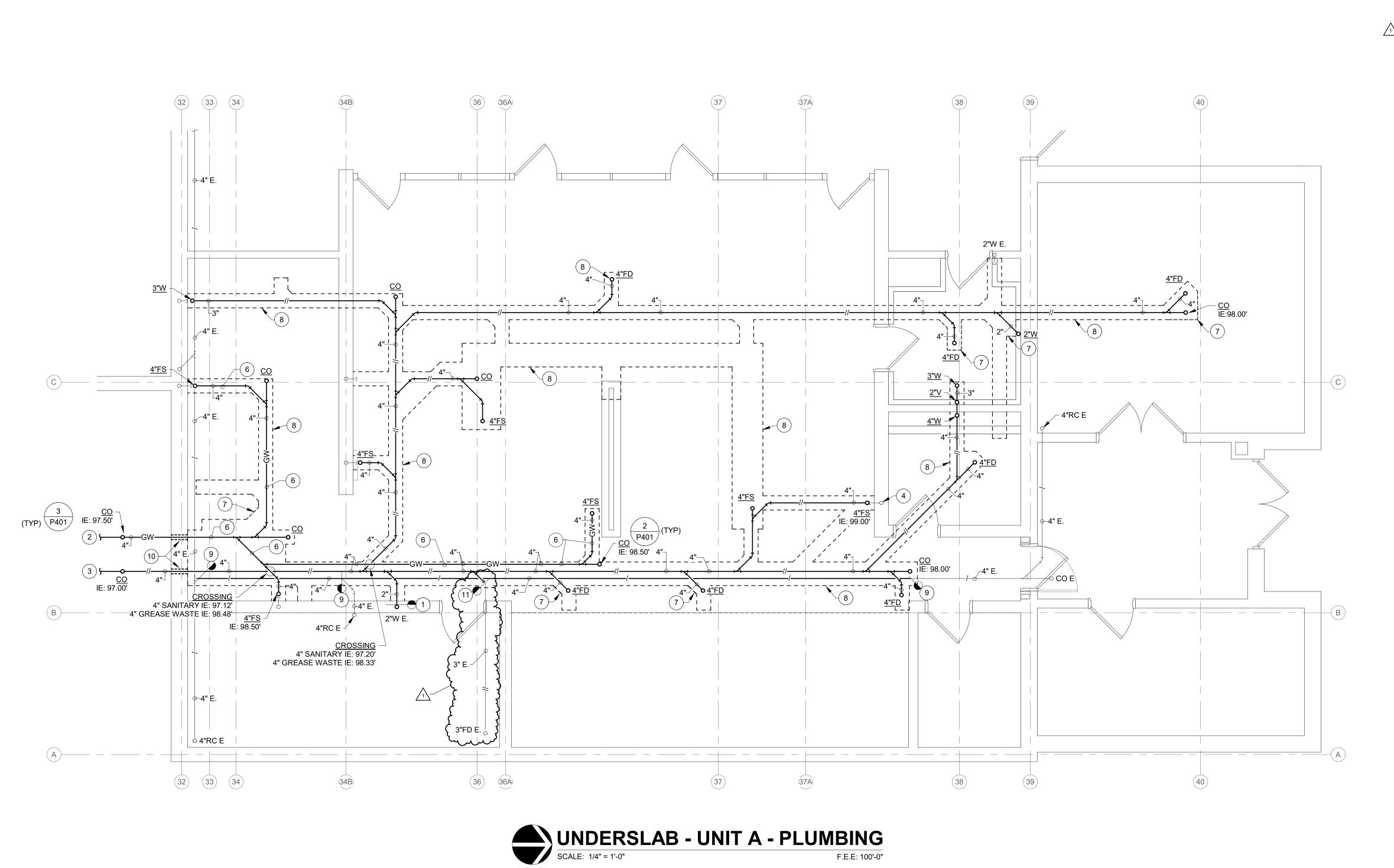


DRAWING NUMBER

MD21

PROJECT NUMBER

2021062





WORK TO BE INSTALLED

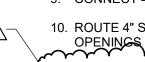
WORK TO REMAIN

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

- 1. CONNECT 2" WASTE TO EXISTING 2" WASTE PIPING AT THIS POINT.
- 2. 4" GREASE WASTE. REFER TO CIVIL / SITE SHEETS.
- 3. 4" SANITARY WASTE. REFER TO CIVIL / SITE SHEETS.
- 4. ABANDONED VENT PIPING.
- 5. ABANDONED WASTE / VENT PIPING.
- 6. GREASE WASTE PIPING TO BE CAST IRON.
- SAW CUT AND PATCH EXISTING CONCRETE FLOOR. REFER TO ARCHITECTURAL / STRUCTURAL SHEETS FOR MORE INFORMATION.
- 8. EXISTING SAW CUT. REFER TO SHEET PD101.
- 9. CONNECT 4" STORM PIPING TO EXISTING 4" STORM PIPING.



10. ROUTE 4" SANITARY AND 4" GREASE WASTE THRU EXISTING 11. CONNECT 3" WASTE PIPING TO EXISTING 3" WASTE PIPING.



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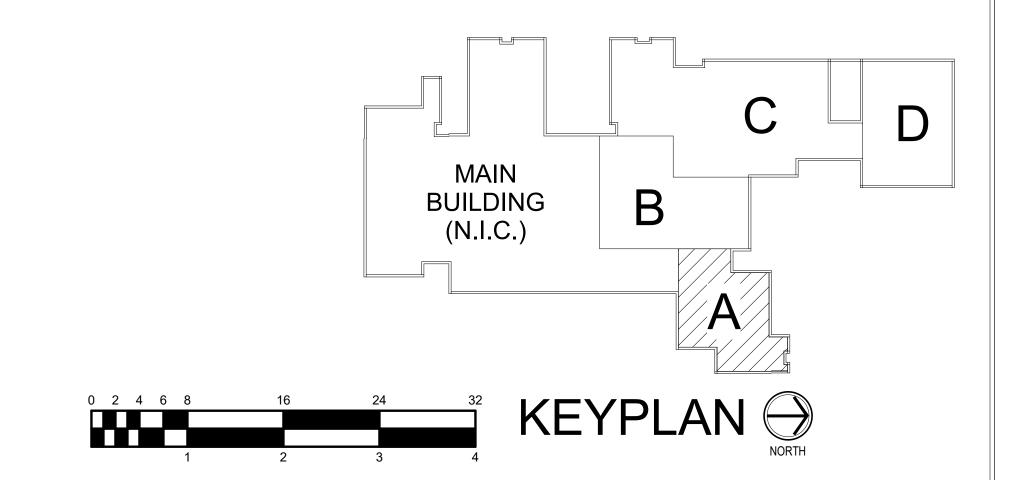
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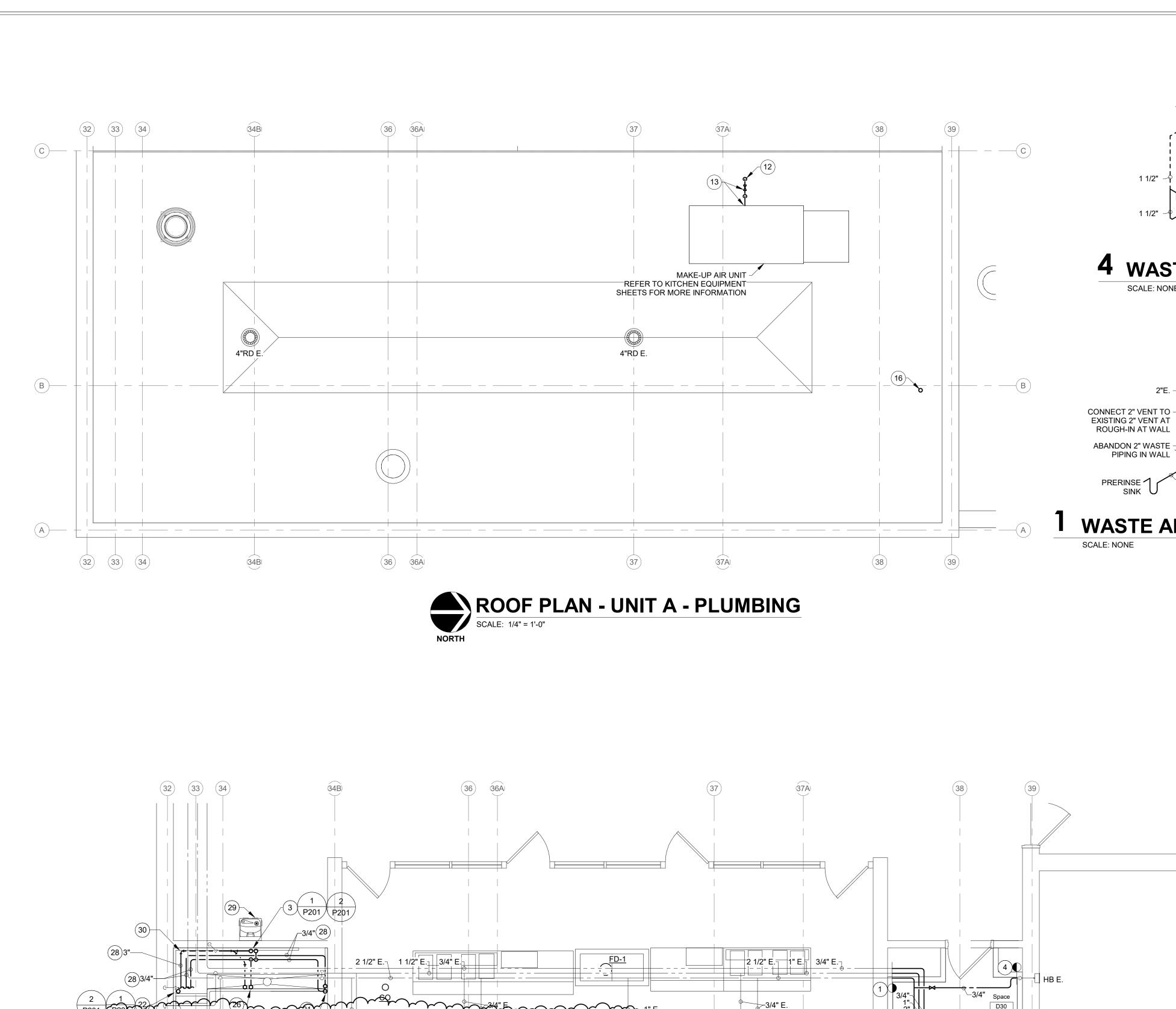
DRAWING TITLE: UNDERSLAB PLAN - UNIT A -PLUMBING



DRAWING NUMBER

P101 PROJECT NUMBER 2021062





FIRST FLOOR - UNIT A - PLUMBING

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

36 36A

CONNECT 2 1/2" GAS PIPING -

VALVE SIZED FOR 1,000,000

ф**—2"** Е.

32 33 34

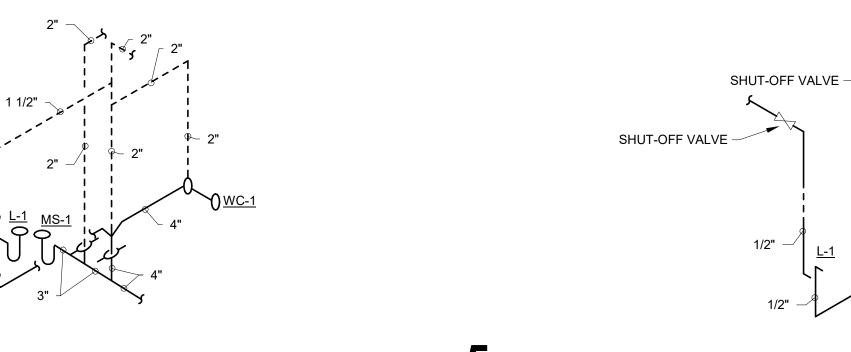
4" E.→

O EXISTING 2 PSI GAS SERVICE IN ADMIN MECHANICAL ROOM.

PROVIDE PRESSURE REDUCING

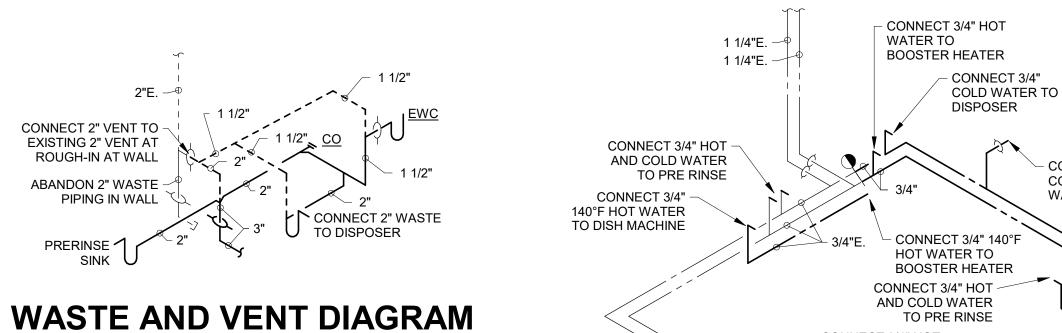
BTU WITH INLET PRESSURE OF

2 PSI AND OUTLET PRESSURE OF



WASTE AND VENT DIAGRAM SCALE: NONE

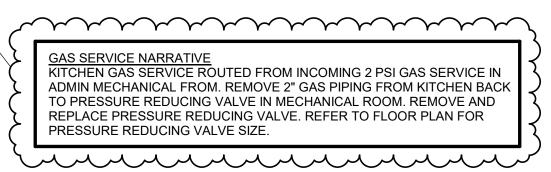
5 HOT AND COLD WATER DIAGRAM



2 HOT AND COLD WATER DIAGRAM

- CONNECT 3/4" HOT

AND COLD WATER TO 3-COMPARTMENT SINK



WATER HAMMER ARRESTER SCHEDULE

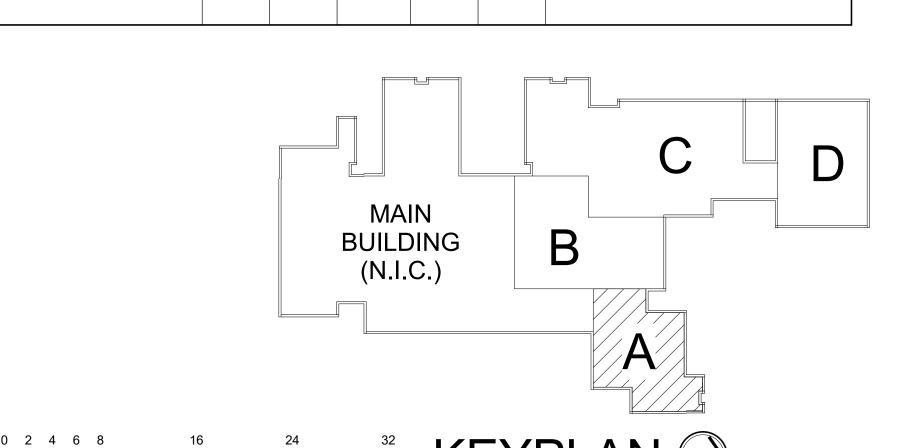
TYPE	I.P.S.	F.U. RATING	J.R. SMITH NO.	WADE NO.	ZURN NO.	REMARKS	
А	3/4"	1 - 11	5005	W-5	100	P.D.I. CERTIFIED]

FIXTURE ROUGH-IN SCHEDULE & MOUNTING HEIGHTS MARK FIXTURE DESCRIPTION TRAP W **MOUNTING HEIGHTS** WATER CLOSET - WALL HUNG, FLUSH VALVE -ADA INTEGRAL 4" 2" 17" TO SEAT LAVATORY - WALL HUNG, ADA 1-1/2" | 1-1/2" | 34" TO RIM 36" TO FAUCET MOP SERVICE BASIN 1-1/2" 48" ABOVE FINISH FLOOR **CLOTHES WASHER BOX**

CONNECT 1/2"

COLD WATER TO

WATER COOLER



RENOVATION LEGEND:

WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.

2. EXISTING FOUNDATION WALL PENETRATIONS LOCATIONS ARE ASSUMED PER EXISTING DRAWINGS, FIELD VERIFY EXACT LOCATION AND DEPTHS OF EXISTING OPENINGS IN FOUNDATION WALL, INVERT ELEVATIONS NOTED ON THESE DRAWING FOR REFERENCE ONLY. ALL INVERTS OF PIPING TO BE FIELD COORDINATED.

LAYOUT/MARK PROPOSED CUTTING OF FLOOR FIRST, PRIOR TO SAW CUTTING FLOOR SHALL BE SCANNED/X-RAYED TO VERIFY LOCATION OF ALL UNDERSLAB PIPING AND CONDUITS. DRILL A PILOT HOLE OR CORE DRILL TO DETERMINE FLOOR THICKNESS AND CONFIRM WITH X-RAY TO SET BLADE DEPTH.

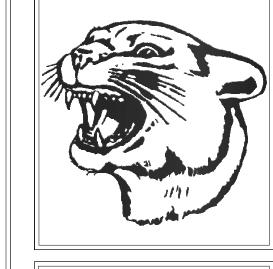
PLAN NOTES:

1. CONNECT 1" HOT WATER, 2" COLD WATER, AND 3/4" HOT WATER RETURN TO EXISTING 1" HOT WATER, 2 1/2" COLD WATER, AND 3/4" HOT WATER RETURN PIPING.

- 2. 4" WASTE DOWN. 2" VENT UP.
- 3. RECONNECT 1/2" COLD WATER AND 1 1/2" WASTE PIPING TO WATER COOLER.
- 4. CONNECT 3/4" COLD WATER TO EXISTING COLD WATER PIPING
- 5. 2" VENT UP. 4" VENT THRU ROOF.
- 6. 3/4" HOT AND 3/4" COLD WATER DOWN. 2" VENT FROM BELOW.
- 7. RECONNECT 3/4" HOT WATER AND 3/4" COLD WATER TO EXISTING HOT AND COLD WATER PIPING ABOVE THE CEILING AND EXTEND/CONNECT TO ISLAND SINK. INSULATE PIPING PER SPECIFICATIONS. CONNECT 2" DRAIN PIPING TO ISLAND SINK AND TERMINATE OVER FLOOR SINK.
- 8. 3/4" HOT WATER DOWN TO LAVATORY.
- 9. INSTALL EMERGENCY GAS SHUT-OFF VALVE PROVIDE BY KITCHEN EQUIPMENT CONTRACTOR. COORDINATE INSTALLATION WITH KITCHEN EQUIPMENT CONTRACTOR.
- 10. CONNECT 2 1/2" GAS PIPING TO EXISTING 2" GAS PIPING.
- 11. 2" GAS PIPING UP TO ROOF TOP MAKE-UP AIR UNIT.
- 12. 2" GAS PIPING FROM BELOW.

CONTRACTOR.

- 13. CONNECT 2" GAS PIPING TO MAKE AIR UNIT. CONNECT GAS PIPING TO MAKE AIR UNIT WITH SHUT-OFF VALVE, UNION, AND DIRT LEG. COORDINATE CONNECTION WITH KITCHEN EQUIPMENT
- 15. 1" COLD WATER DOWN. EXTEND 1/2" COLD WATER TO LAVATORY AND
- 1" COLD WATER WATER CLOSET.
- 16. 4" VENT THROUGH THE ROOF.
- 17. RECONNECT 3/4" COLD WATER TO ICE MACHINE. RECONNECT 1" DRAIN PIPING TO ICE BIN. TERMINATE OVER FLOOR DRAIN.
- 18. RECONNECT 3/4" HOT WATER AND 3/4" COLD WATER TO 2 COMPARTMENT SINK. RECONNECT 2" DRAIN PIPING TO SINK AND TERMINATE OVER FLOOR SINK.
- 19. RECONNECT 3/4" HOT WATER AND 3/4" COLD WATER TO 3 COMPARTMENT SINK. RECONNECT 2" DRAIN PIPING TO SINK AND TERMINATE OVER FLOOR SINK.
- 20. RECONNECT 3/4" 140°F HOT WATER TO DISH MACHINE. RECONNECT 2" DRAIN PIPING TO DISH MACHINE AND ALL OTHER DRAIN CONNECTIONS RELATED TO DISH MACHINE AND TERMINATE OVER
- 21. RECONNECT 3/4" HOT WATER AND 3/4" COLD WATER TO PRERINSE SINK. CONNECT 2" WASTE PIPING TO PRERINSE AND CONNECT TO 3" WASTE PIPING UNDER THE COUNTER.
- 22. 3" WASTE DOWN. CONNECT 2" VENT TO EXISTING VENT ROUGH-IN AT WALL. EXTEND 2" WASTE PIPING TO DISPOSER, WATER COOLER, AND PRE-RINSE CONNECT.
- 23. RECONNECT WATER AND GAS PIPING TO KITCHEN EQUIPMENT FROM EXISTING WATER AND GAS PIPING AT THE WALL, UNDER THE HOOD. RECONNECT DRAIN PIPING TO EQUIPMENT AND TERMINATE OVER FLOOR SINK. COORDINATE CONNECTIONS WITH KITCHEN
- 24. EXISTING HOT AND COLD WATER PIPING ON WALL.
- 25. EXISTING 1 1/4" HOT AND 1 1/4" COLD WATER ROUGH-INS SERVING DISHWASHING ROOM EQUIPMENT.
- 26. RECONNECT 3/4" COLD WATER AND 3" WASTE PIPING TO DISPOSER.
- 27. DOMESTIC HOT WATER RETURN BALANCE VALVE SET AT 0.5 GPM. 28. 3/4" HOT, 3/4" COLD, 1 1/2" VENT, AND 3" WASTE PIPING ROUTED ON
- WALL BELOW DISHTABLE. 29. REINSTALL WATER COOLER AND CONNECT TO NEW ROUGH-INS. -30! RECOUNECTSA"HOT WATER TO BOOSTER HEATER AND EXTENDS/4"
- 140°F HOT WATER TO DISHMACHINE. 31. 2 1/2" GAS PIPING DOWN. 2 1/2" GAS HEADER IN CHASE.
- 32. GAS PIPING ROUGH-IN FOR KITCHEN EQUIPMENT. FIELD VERIFY EXISTING PIPE ROUGH-IN SIZES AND PROVIDE ROUGH-INS WITH THE SAME SIZE PIPE. PROVIDE SHUT-OFF VALVE FOR CONNECTION TO KITCHEN EQUIPMENT



CHOOL

SOUTH ADDITIC

SCOPE DRAWINGS: quirements of the Contract.
On the basis of the general scope indicated or describe proper execution and completion of the work.

> REVISIONS: ADDENDUM 1 02/08/2024

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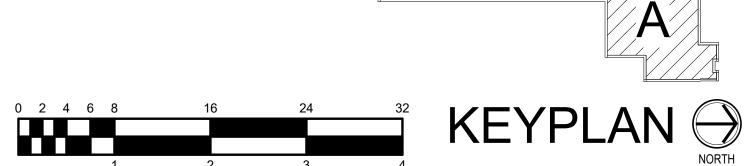
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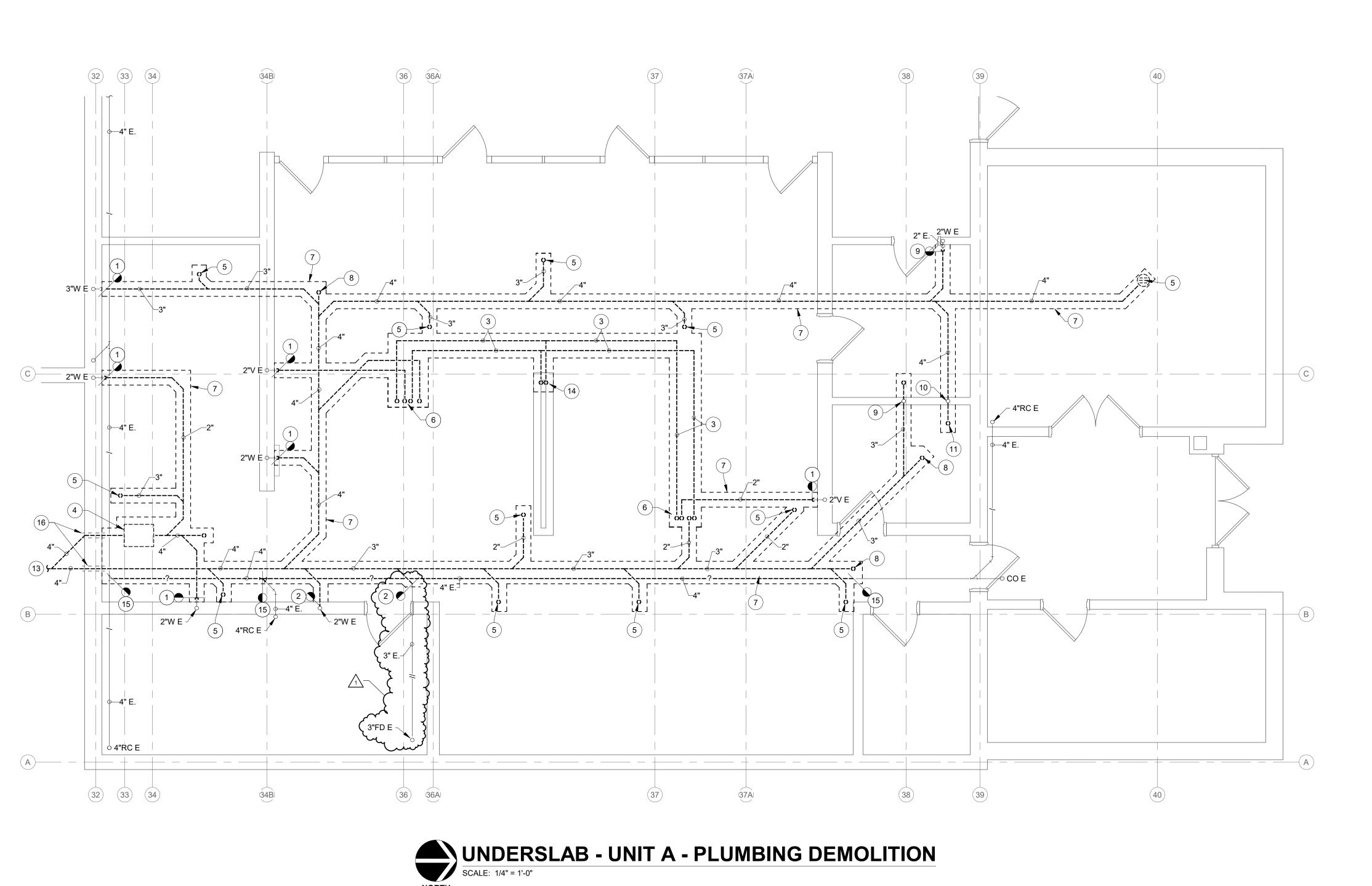
01/12/2024

DRAWING TITLE: FIRST FLOOR PLAN - UNIT A -**PLUMBING**



DRAWING NUMBER P201







WORK TO BE REMOVED

WORK TO REMAIN

GENERAL NOTES:

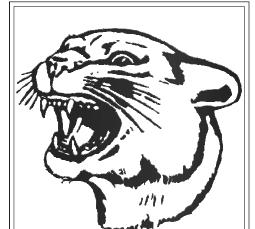
- 1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES. 2. EXISTING FOUNDATION WALL PENETRATIONS LOCATIONS ARE ASSUMED PER EXISTING DRAWINGS. FIELD VERIFY EXACT LOCATION
- AND DEPTHS OF EXISTING OPENINGS IN FOUNDATION WALL. INVERT ELEVATIONS NOTED ON THESE DRAWING FOR REFERENCE ONLY. ALL INVERTS OF PIPING TO BE FIELD COORDINATED.
- 3. PRIOR TO ANY SAW CUTTING OF EXISTING FLOOR, THE EXISTING FLOOR SHALL BE SCANNED/X-RAYED TO VERIFY LOCATION OF ALL UNDERSLAB PIPING AND CONDUITAND CLEARLY INDICATED ON

PLAN NOTES:

- REMOVE WASTE PIPING TO THIS POINT AND CAP.
- 2. REMOVE WASTE PIPING TO THIS POINT AND MAKE READY FOR NEW CONNECTION.
- 3. REMOVE HOT AND COLD WATER PIPING COMPLETE.
- 4. REMOVE GREASE INTERCEPTOR COMPLETE.
- 5. REMOVE FLOOR DRAIN COMPLETE.
- 6. REMOVE HOT WATER, COLD WATER, WASTE, AND VENT PIPING COMPLETE.
- 7. SAW CUT AND PATCH EXISTING CONCRETE FLOOR. REFER TO ARCHITECTURAL / STRUCTURAL SHEETS FOR MORE INFORMATION.
- 8. REMOVE CLEANOUT COMPLETE.
- 9. ABANDON 2" WASTE STACK IN WALL.
- 10. ABANDON 2" VENT IN WALL.

AND CAP.

- 11. REMOVE 4" CLOSET FLANGE COMPLETE.
- 12. REMOVE 3" OPEN SITE DRAIN COMPLETE. 13. REFER TO CIVIL / SITE SHEETS FOR CONTINUATION.
- 14. REMOVE HOT AND COLD WATER PIPING FROM ABOVE TO THIS POINT
- 15. REMOVE STORM PIPING TO THIS POINT AND MAKE READY FOR NEW CONNECTION.
- 16. PIPE PENETRATIONS THRU EXISTING FOUNDATION WALL TO REMAIN.



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

REVISIONS: ADDENDUM 1 02/08/2024

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

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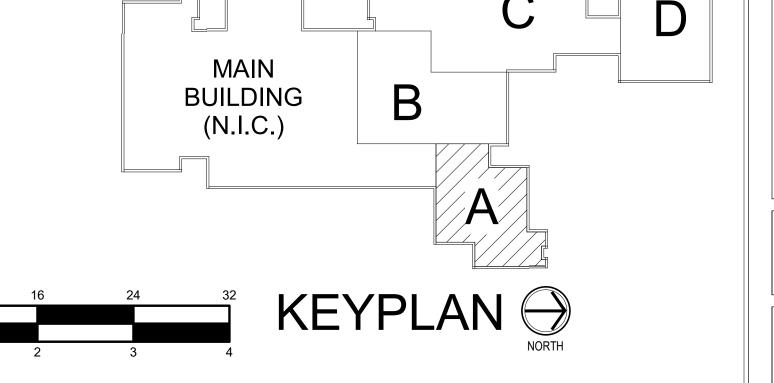
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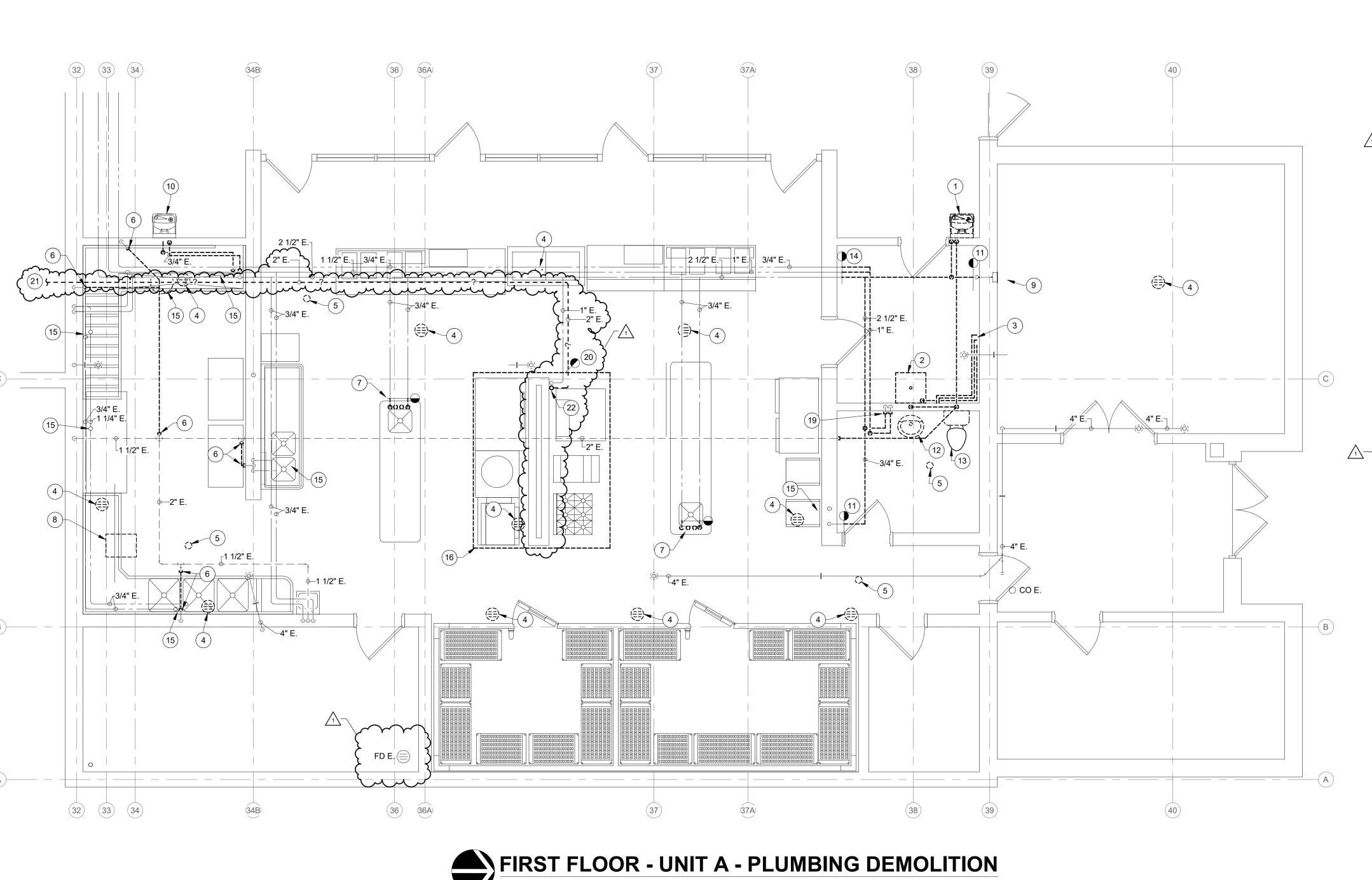
DRAWING TITLE: UNDERSLAB PLAN - UNIT A -PLUMBING **DEMOLITION**

VLC



DRAWING NUMBER PD101





DEMOLITION LEGEND:

WORK TO BE REMOVED

WORK TO REMAIN

GENERAL NOTES:

- 1. REFER TO SHEET PM001 FOR ADDITIONAL GENERAL NOTES.
- 2. DISCONNECT DOMESTIC WATER AND WASTE PIPING TO KITCHEN EQUIPMENT. MAKE EXISTING ROUGH-INS READY FOR NEW CONNECTIONS.
- 3. RECONNECT DOMESTIC WATER AND WASTE PIPING TO KITCHEN EQUIPMENT AS REQUIRED BY EQUIPMENT MANUFACTURER.
- 4. KITCHEN EQUIPMENT REMOVAL, STORAGE, AND REINSTALLED BY

PLAN NOTES:

- 1. REMOVE WATER COOLER COMPLETE. CAP ROUGH-INS IN WALL. 2. REMOVE MOP SINK COMPLETE. REMOVE HOT AND COLD WATER PIPING BACK INTO WALL AND CAP. ABANDON PIPING IN WALL IN
- 3. REMOVE HOT AND COLD WATER, AND WASTE PIPING FROM WASHER COMPLETE.
- 4. REMOVE FLOOR DRAIN COMPLETE.
- REMOVE CLEANOUT.
- 6. REMOVE VENT PIPING TO THIS POINT AND CAP.
- 7. REMOVE ABANDONED HOT AND COLD WATER FROM BELOW, AND WASTE / VENT PIPING COMPLETE. REMOVE HOT AND COLD WATER FROM ABOVE TO A POINT ABOVE THE CEILING AND MAKE READY FOR NEW CONNECTION.
- 8. REMOVE GREASE INTERCEPTOR COMPLETE.
- HOSE BIBB TO REMAIN. 10. REMOVE WATER COOLER AND RETAIN FOR REINSTALLATION. REMOVE WATER AND WASTE ROUGH-INS THRU WALL.
- 12. REMOVE LAVATORY COMPLETE. REMOVE WATER AND WASTE PIPING BACK TO WALL AND CAP. ABANDON PIPING IN WALL IN PLACE.
- 13. REMOVE FLOOR MOUNTED WATER CLOSET COMPLETE. REMOVE WATER PIPING BACK TO WALL AND CAP. REMOVE CLOSET FLANGE. ABANDON PIPING IN WALL IN PLACE.
- 14. REMOVE HOT WATER, COLD WATER, AND HOT WATER RETURN TO THIS POINT. MAKE READY FOR NEW CONNECTION.
- 15. DISCONNECT WATER SUPPLIES TO KITCHEN EQUIPMENT AND REMOVE BACK TO ROUGH-INS AT WALL. MAKE READY FOR NEW CONNECTION. KITCHEN EQUIPMENT REMOVAL BY OTHERS.
- 16. DISCONNECT ALL WATER AND GAS SUPPLIES TO KITCHEN EQUIPMENT UNDER THE HOOD. RANGE ON WALL TO REMAIN.
- 17. REMOVE WASTE PIPING SERVING DRINKING FOUNTAIN.
- 18. HOT AND COLD WATER ROUTED ON WALL UNDER COUNTER TO REMAIN. PROTECT PIPING DURING REMOVAL AND INSTALLATION OF KITCHEN EQUIPMENT.
- 19. REMOVE HOT AND COLD WATER BACK TO WALL AND CAP. ABANDON PIPING IN WALL IN PLACE.

 20. REMOVE 2" GAS PIPING TO THIS POINT AND MAKE 2" EXISTING GAS PIPING READY FOR NEW CONNECTION.
- 21. REMOVE 2" GAS PIPING BACK TO ADMIN MECHANICAL ROOM. REMOVE PRESSURE REDUCING VALVE AND INCOMING 2" PSI
- SERVICE IN ADMIN MECHANICAL ROOM. MAKE EXISTING GAS SERVICE READY FOR NEW CONNECTION.
- 22. REMOVE GAS PIPING IN CHASE WALL AND ROUGH-INS SERVING KITCHEN EQUIPMENT.

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KEYPLAN ON NORTH

MAIN BUILDING (N.I.C.)

SOUTH DECATUR HIGH SCHOOL ADDITIONS AND RENOVATIONS FULL RELEASE
8885 IN-3, GREENSBURG, INDIANA 47240

SCOPE DRAWINGS:

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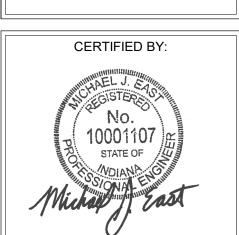
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DEMOLITION

DRAWING NUMBER PD201







WORK TO BE INSTALLED

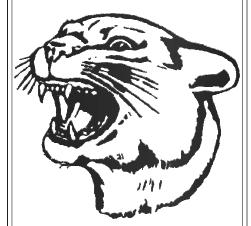
WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING T001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

- 1. PROVIDE SURFACE RACEWAY AS SPECIFIED TO CONCEAL CABLING.
- 2. CONCEAL CABLING INSIDE NEW VERTICAL CHASE AND INSTALL OUTLETS FLUSH.



SCOPE DRAWINGS:

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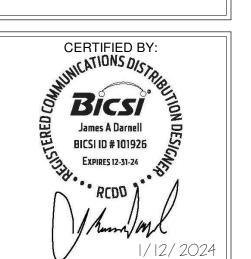
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DRAWING TITLE: FIRST FLOOR PLAN - UNIT A -TELECOM.



DRAWING NUMBER T201 PROJECT NUMBER 2021062

