



February 8, 2024

MILITARY DEPARTMENT
STATE of NEBRASKA
LINCOLN, NEBRASKA

**NEBRASKA ARMY NATIONAL GUARD
1776 READINESS CENTER
DEDICATED OUTSIDE AIR SYSTEM (DOAS)**
at the

1776 North 10th Street, Lincoln, NE 68508

for the

MILITARY DEPARTMENT
STATE of NEBRASKA
Lincoln, Nebraska

PROJECT NO. 31030365

A D D E N D U M N O . 1

The original specifications and drawings on the STATE OF NEBRASKA REQUEST for PROPOSAL FORM for the project noted above are amended as noted in this Addendum No. 1.

Receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Bid Form.

ADDENDUM NO. 1

NOTE TO ALL PLANHOLDERS: Please insert this Addendum into your copy of the Contract Documents for the above named project.

The following changes to the Contract Documents are issued by the CFMO-CMB and shall have the same force and affect as though a part of the original issue.

THE RECEIPT DATE, TIME and LOCATION of the BID PROPOSAL submission HAS NOT CHANGED.

ITEM NO.:

- ADD 1-1: Pre-Bid Meeting Sign-In Sheet
1. Sign-In Sheet, attachment #1.
- ADD 1-2: Nebraska Military Dept Pre-Bid Conference Agenda
1. Pre-Bid Agenda, attachment #2.
- ADD 1-3: SSH Architecture Pre-Bid Conference Agenda
1. SSH Pre-Bid Agenda, attachment #3.
- ADD 1-4: Reference Specifications Section 01 2300, Alternates
1. Paragraph 3.01, E, 1, b "Revise"... Alternate A2 ..." to "... Alternate A5 ..."





- ADD 1-5 Reference Sheet G200
1. Detail N16, SOW / Phasing Info, Alternate Bid Items
 - a. Add – “Alternate Mechanical Systems Manufacturer
 - i. Trane Technologies, Inc. equipment to be included in base bid amount as the mechanical systems manufacturer / supplier, to match the existing system installed during previous construction projects.
 - ii. Contractor is invited to provide the cost to provide an alternate approved mechanical systems manufacturer / supplier as listed in specifications and on sheet M500. Contractor may leave Alternate A5 amount blank on the bid form if no alternate manufacturer is being submitted.
 - iii. Include proposed alternate manufacturer in the line indicating bid amount and include alternate cost on same line.
 - iv. Alternate amount listed on the bid form will be considered to be an add or deduct to the base bid. If the alternate amount is a deduct to the base bid, indicate “DEDUCT” after the alternate amount.
 - v. Alternate mechanical systems manufacturer will be required to connect and control new VRF system with existing Trane Tracer Control System installed during previous construction projects.”
- ADD 1-6 Reference Sheet D196
1. Detail A1, Roof Plan – Demolition, NW Corner of Roof
 - a. Add – Remove existing exhaust fan and curb. See attachment #4.
- ADD 1-7 Reference Sheet A196
1. Detail A1, Roof Plan, NW Corner of Roof
 - a. Add – Patch plywood roof deck, insulation and EPDM membrane to match existing. Apply silicone reflective coating. See attachment #4.
- ADD 1-8 Reference Sheet MD300
1. Detail C3, HVAC Demo Plan - Roof Plan, NW Corner of Roof
 - a. Add – Remove existing exhaust fan and duct in ceiling. See attachment #4.
- ADD 1-9 Reference Sheets M100 and M200
1. See attached revised sheets indicating revised ductwork, diffusers, registers, and grilles. Outside air ductwork from dedicated outdoor air system (DOAS) shall be ducted to supply air diffusers in lieu of directly to the variable refrigerant flow (VRF) cassettes. See attachment #5.
- ADD 1-10 Reference Sheet M500
1. HVAC Schedules, Dedicated Outdoor Air Unit Schedule Notes
 - a. Add – “8. Alternate Mechanical Systems Manufacturer
 - i. Trane Technologies, Inc. equipment to be included in base bid amount as the mechanical systems manufacturer / supplier, to match the existing system installed during previous construction projects.
 - ii. Contractor is invited to provide the cost to provide an alternate approved mechanical systems manufacturer / supplier as listed in specifications and on sheet M500. Contractor may leave Alternate A5 amount blank on the bid form if no alternate manufacturer is being submitted.
 - iii. Include proposed alternate manufacturer in the line indicating bid amount and include alternate cost on same line.
 - iv. Alternate amount listed on the bid form will be considered to be an add or deduct to the base bid. If the alternate amount is a deduct to the base bid, indicate “DEDUCT” after the alternate amount.
 - v. Alternate mechanical systems manufacturer will be required to connect and control new VRF system with existing Trane Tracer Control System installed during previous construction projects.”





- ADD 1-11 Reference Sheets E000, E100, E200, and E400
1. See attached revised sheets indicating known locations of existing electrical panels. Electrical panels are shown for reference for demolition of existing electrical and installation of new equipment. See attachment #6.
- ADD 1-12 Reference Sheet E300
1. Detail B2, Power - Roof Plan, NW Corner of Roof
 - a. Add – Disconnect conductors from existing exhaust fan and at circuit panel. Remove conductors. Abandon conduits in place, label at each end with tape "Abandoned". See attachment #4.

THIS ADDENDUM SHALL BE ATTACHED TO AND MADE A PART OF THE DRAWINGS AND SPECIFICATIONS AND SHALL BE ACKNOWLEDGED WITH THE BIDDER'S PROPOSAL.

Digitally signed by Kevin Hittle
Date: 2024.02.08 12:13:42 -06'00'

Kevin L. Hittle, AIA
SSH Architecture

Craig W. Strong
Major General, The Adjutant General

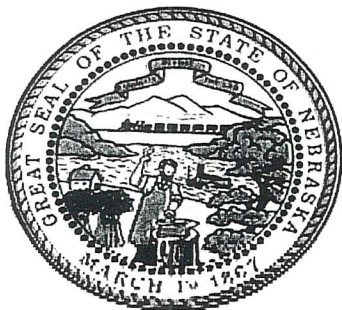
ATTACHMENTS:

NOTE: Attachments may contain full size sheets.

1. Pre-Bid Sign-In Sheet
2. NE Military Dept. Pre-Bid Conference Agenda
3. SSH Architecture Pre-Bid Conference Agenda
4. Roof Plan – Exhaust Fan Demo
5. Sheet M100 & M200 - Revised Ductwork Plan.
6. Sheet E000, E100, E200, & E400 - Existing Electrical Panels.

End of Addendum No. 1





Nebraska Military Department

Construction and Facilities Management Office

JFHQ Building, 2433 NW 24th Street, Lincoln, Nebraska 68524-1801

(402) 309-8450 (main) (402) 309-7480 (fax)



Pre-Bid Meeting - 1776 RC DOAS HVAC Repairs

PN #31030365 1300 (1:00pm), 30 January 2024

Name	Agency/Company	Phone Number	E-mail Address
Mr. James Rasmussen	CFMO Business Manager	402-309-8457	james.t.rasmussen3.civ@army.mil
Mr. Robert DeMoss	CFMO Contracts Officer	402-309-8464	robert.w.demoss2.nfg@army.mil
Mr. Jack Hodges <i>JH</i>	CFMO Project Manager	402-309-8480	john.p.hodges6.nfg@army.mil
MAJ Justin Portenier <i>JH</i>	CFMO Design & Project Manager	402-309-8458	justin.r.portenier.mil@army.mil
MAJ Jessica Wolff	1776 Facility POC	402-309-7365	jessica.l.wolff16@army.mil
Mr. Kevin Hittle, AIA <i>KUH</i>	SSH Architecture	402-483-2893	kevin@ssh-arch.com
<i>Bryce McMill</i>	<i>Genesis Contracting Group</i>	<i>402-460-3581</i>	<i>bryce.m@genesiscontractinggroup.com</i>
<i>Bruce Beards</i>	<i>IES Electric</i>	<i>402-890-7874</i>	<i>nickc@ieselectricinc.com</i>
<i>Tyran Panian</i>	<i>Cheever Construction</i>	<i>402-803-0264</i>	<i>tpanian@cheeverconstruction.com</i>
<i>Veronica Quevedo</i>	<i>Brothers Demolition</i>	<i>402-739-1456</i>	<i>serviceinfo@brodemolandframing.com</i>
<i>SHANIZ Breitfelder</i>	<i>HELM Mechanical</i>	<i>402-239-3914</i>	<i>sbreitfelder@helmgroup.com</i>
<i>Zachary Kuhr</i>	<i>New Horizons</i>	<i>402-570-8852</i>	<i>zach@newhorizons-llc.com</i>
<i>Adam Pierce</i>	<i>Shanahan M+E</i>	<i>402-326-0473</i>	<i>adam.pierce@iesci.net</i>
<i>Andrew Davis</i>	<i>CSG</i>	<i>402-659-8594</i>	<i>adavis@irex.com</i>
<i>Dan Ridley</i>	<i>Grunwald Mech</i>	<i>402-658-2350</i>	<i>DRidley@Grunwald2.com</i>
<i>DAVID MIXAN</i>	<i>MIXAN HTG</i>	<i>402-731-5070</i>	<i>DAVIDJRM@HAC.OHCOXMAIL.COM</i>
<i>Lukas Gilliland</i>	<i>Action</i>	<i>402-560-2920</i>	<i>lukasg@actionlincoln.com</i>
<i>Joel Fenton</i>	<i>Action</i>	<i>402-580-2995</i>	<i>joelf@actionlincoln.com</i>

PRE-BID CONFERENCE
1776 RC DOAS HVAC Repairs PN# 31030365
1776 N. 10th St, Lincoln, NE 68505
Pike Conference Room, 2nd Floor, South Side of Building
1300 Hours 30 January 2024

INTRODUCTORY REMARKS

The purpose of this conference is to answer any Administrative or Technical questions you may have and to provide you with an opportunity to look at the Project Site. Please make sure to sign in before you leave if you haven't already.

Mr. James Rasmussen	Business Manager	402-309-8457	james.t.rasmussen3.civ@army.mil
Mr. Robert DeMoss	Contracts Officer	402-309-8464	robert.w.demoss2.nfg@army.mil
Mr. Jack Hodges	Project Manager	402-309-8480	john.p.hodges6.nfg@army.mil
MAJ Justin Portenier	Des/Proj Manager	402-309-8458	justin.r.portenier.mil@army.mil
MAJ Jessica Wolff	1776 RC Fac. POC	402-309-7365	jessica.l.wolff16@army.mil
Mr. Kevin Hittle, AIA	SSH Architecture	402-483-2893	kevin@ssh-arch.com

ADDENDUM

Everyone receiving Plans and Specs and or attending the Pre-Bid Meeting will receive an addendum. Deadline for clarification of Plans & Specifications that may require an Addendum needs to be submitted to the **A&E** by 1300 on 06 February 2024. **Addendums** will be posted on the A&D Technical Supply Plan room website (Lincoln Office) and in-turn at the other Plan houses.

BID FORM

On completing the Bid Proposal Form contained in the Bid Packet (Section P1 of 4):

1. Please fill out Bid Form completely for all applicable items.
2. Sign the Bid Form in **BLUE INK**. Bids received without original signature or signed in pencil will not be accepted.
3. Return all (4) pages of the Bid Form, Pages P1-P4.
4. Include Bid Security of 5% of the total Bid Amount on the project.
5. On the Bid Form, there is a Total Base Bid Amount and (4) Alternative Bid Items (ABIs) and (0) Unit Bid Items (UBIs).
6. Be sure to enter your Bid Proposal amounts correctly in both word and figure as required on the Bid Proposal Form.
7. In case of an irregularity between the numeric amount and the written amount, the amount written shall govern.

BID SECURITY

The bid proposal **MUST** be accompanied by a Bid Bond in the amount of 5% in order to be considered (in order of preference):

1. Bonding Company (AIA Document A310 American Institute of Architects)
2. Cashier's Check
3. Money Order

BIDS DUE

The Bids are due **NO LATER THAN 1330 hours on 13 February 2024** at the front desk of the Construction & Facilities Management Office, 3rd Floor in the Joint Forces Headquarters Building, Lincoln Air National Guard Base.

Mailing Address: Construction and Facilities Management Office
(Project Name)
2433 Northwest 24th Street
Lincoln, NE 68524

Overnight Service – Ensure that delivery will be made no later than 1:30 p.m. of the Bid Date.

All vehicles entering the Base will be stopped at the Front Gate and asked to show a Driver's License Photo ID and asked the reason or business for entry. Identify the Construction Company you are representing and are there to deliver a Construction Bid for the 1776 RC DOAS HVAC Repairs Project. In advance of the Bid Opening, we will notify Base Security of the Bid Opening and provide them with a copy of today's Sign-In Sheet to expedite this process. Please note: Security may, at random, inspect your vehicle; please allow sufficient time.

Hand-carried bids must be delivered no later than 1:30 p.m. to the Contracting Branch or Front Desk Administrative Assistant. CFMO is located on the 3rd floor of the building. There is guest parking available in front of the Joint Forces Headquarters Building. If you are having difficulty getting onto the Air Guard Base, please call 402-309-8464 or 402-309-8473. The Bids will be publicly opened at 2:00 p.m. and recorded. You are encouraged to stay and attend the Bid Opening. If you hand carry your bid, be sure to allow adequate time to clear through Security and find our Office.

DRUG POLICY

By signing the Invitation to Bid, the Bidder is committed to providing a drug free work place environment. If requested by the Military Department, the Bidder must furnish evidence that they have a Drug Free Workplace Policy.

BID REVIEW COMMITTEE

The "Bid Review Committee" will meet within one week after the Public Bid Opening to review the bids for any irregularities and to award the contract on the Project.

LIQUIDATED DAMAGES

No liquidated damages will be assessed for this project.

DAVIS BACON ACT

DAVIS BACON does not apply to this Project under Nebraska State Contracting Procedures.

PERFORMANCE BONDS

Performance Bonds and Labor & Material Bonds are required on this Project upon awarding.

MANDATORY MEETINGS

PRE-CONSTRUCTION MEETING

PROGRESS REVIEW will be conducted every two weeks

INVOICE PAYMENTS ON PROJECT (AIA Form G702 -G703 are required)

Payments will be made by **DIRECT DEPOSIT** on the project in accordance with State of Nebraska procedures. Payments will be made within **45 days** after the invoices are received at the CFMO Office. The Contractor must establish a direct deposit payment enrollment with the State Treasurer (ACH – Automated Clearing House). The enrollment form will be provided at the Pre-Construction Meeting. The Nebraska State Treasurer requires that payments in excess of \$25,000 be made by direct deposit instead of State Warrants (checks).

USE OF SANITARY FACILITIES

Contractor will be required to supply and maintain chemical toilets during project execution.

EQUIPMENT STORAGE & MATERIAL STORAGE AT THE SITE

The Contractor is responsible for the security of their equipment and any materials left at the site. The Contractor is expected to keep the construction site clean and free of trash and debris during the project. Daily cleaning shall be completed.

CONTRACT TIME

The Contractor should ensure that the estimated completion timeline indicated on bid form (page P-2) is correct and realistic. The timeline should reflect the time required from issuance of "Notice to Proceed" **thru** Substantial Completion of the project. **IF**, The Bid form indicates a "**not to exceed date**"; this is the maximum amount of time we have allotted for the project. Your number of days can be less but not more than indicated.

GENERAL CONDITIONS REVIEW

See General Conditions provided in the bid packet.

USE OF SITE

The Contractor is responsible for the security and safety of the site at all times. The contractor is responsible for repair of any damages to facilities and property.

SECURITY RESTRICTIONS

Taking photos of government aircraft, vehicles and personnel is not authorized.

PROJECT MANAGER COMMENTS

- An Entry Access List (EAL) will be required of the awarded contractor so that the government can vet all workers on site (delivery personnel will be escorted from the gate to delivery and back to the gate by an EAL individual)

1776 RC Facility: MAJ Wolfe Comments

ARCHITECT COMMENTS



AGENDA for PRE-BID MEETING

Project: 1776 Readiness Center - DOAS
Location: 1776 Military Road, Lincoln, NE
Date: 30 January 2024
Time: 1:00 PM

Introductions

- | | |
|---|--|
| <ol style="list-style-type: none">1. Nebraska Army National Guard<ul style="list-style-type: none">– 1776 RC Representativea. MAJ Jessica Wolffb. MSG Scyler Foos2. Nebraska Army National Guard<ul style="list-style-type: none">– NEARNG-CFMOa. Jack Hodges – Facilities Construction Manager | <ol style="list-style-type: none">3. SSH Architecture<ul style="list-style-type: none">a. Kevin Hittle – Project Architectb. Scott Smith – Project Coordinatorc. Emalea Dean – Admin Coordinator |
|---|--|

Please Sign In

Pertinent Dates and Times

1. Substitution Deadline – February 6, 2024 at 1:30 PM
2. Addendum –
 - a. Last Possible Addendum will be Issued February 9, 2024 at 1:30
 1. Posted at A&D Technical Supply (Lincoln) Website
3. Bids Due: February 13, 2023 at 1:30 p.m.

Bid Form and Submittal

1. All bids must be submitted on the bid form provided in the project manual.
2. All sections of bid form must be fully completed, including acknowledgement of all addenda regardless of whether they affect contract time or cost.

Scope of Work

1. New Dedicated Outside Air System
 - a. North half of building – 1st and 2nd Levels
 - b. Minor Structural Modifications for ductwork
 - c. Paint exposed ductwork
2. Alternate Bid Items:
 - a. Alt A1 - Remove abandoned boilers
 - b. Alt A2 – Remove HVAC Pipe
 - c. Alt A3 – Remove Wall Units
 - d. Alt A4 – Add Arch Finishes
 - e. Alt A5 – Alt Manufacturer
 1. Trane – Base Bid

Special Project and Site Requirements

1. Structural – Roof distribution frame.
2. 2nd Level – Bearing Wall Penetration
3. 1st Level – Concrete Coring – 4” & 6”
4. Staging
5. Permits

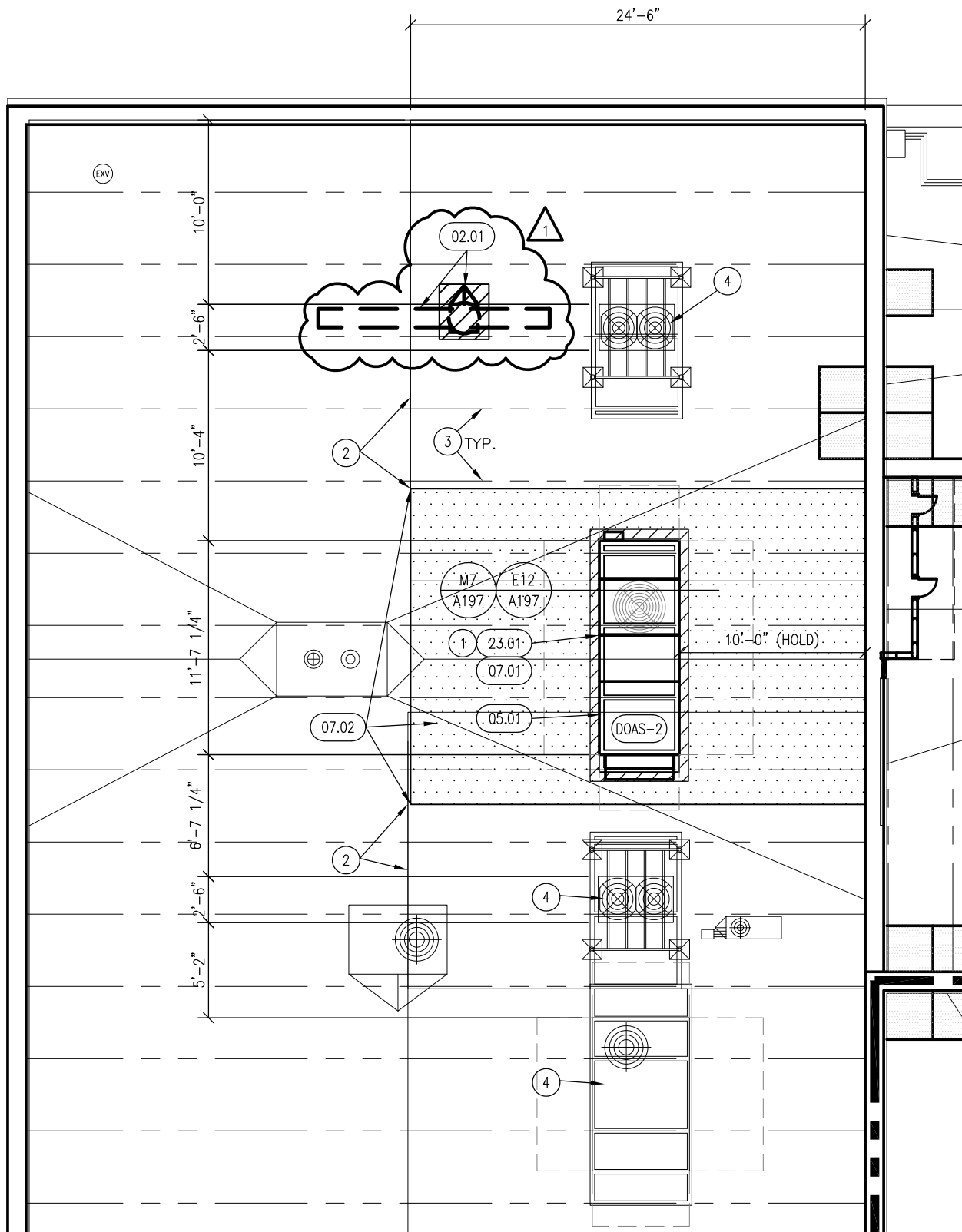
Known Addendum Items

1. Removal of roof exhaust fan and ductwork west roof, patch roof.

NEARNG Comments

Questions

Individual Site Review



KEYNOTE:

- 02.01 REMOVE EXISTING EXHAUST FAN & DUCT IN CEILING.
 A. REMOVE EXISTING EXHAUST FAN, DUCT, AND CURB.
 B. DISCONNECT CONDUCTOR AND REMOVE FROM CIRCUIT PANEL.
 C. PATCH PLYWOOD ROOF DECK.
 D. PATCH ROOF INSULATION MEMBRANE.
 E. APPLY SILICONE REFLECTIVE COATING.

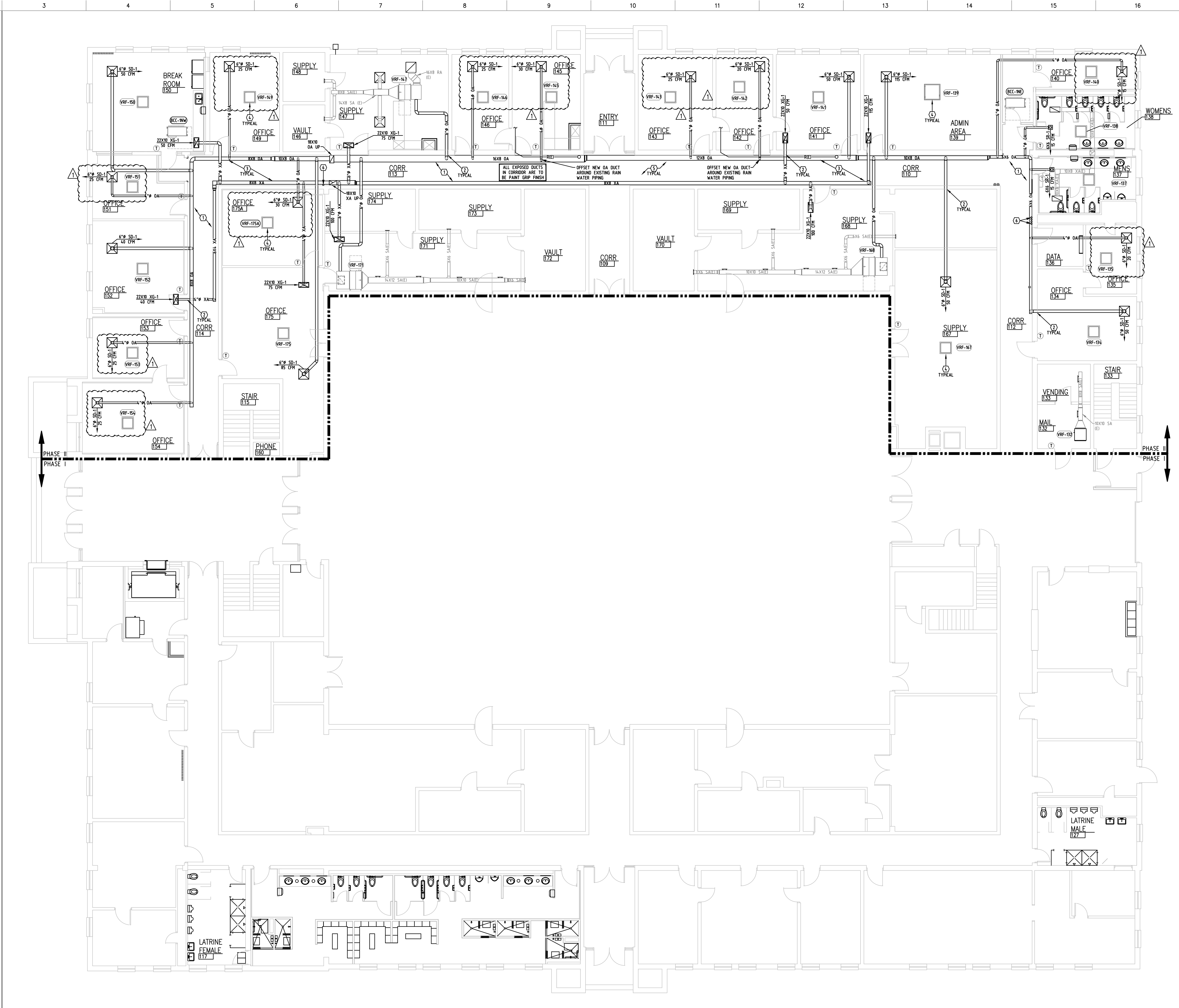


SSH
 Architecture
 402-483-2893
 www.SSH-Arch.com

**1776 Readiness Center
 Direct Outside Air System (DOAS)**

ADDENDUM #1 -
 ATTACHMENT #4

DRAWING TITLE:
 ADDENDUM #1 -
 ATTACHMENT #4
 REF. SHEET NO.:
A196
 01/31/2024



B3 HVAC PLAN - FIRST FLOOR PLAN
M100 SCALE: 1/8"=1'-0"

SHEET NOTES KEY NOTE SYMBOL =

KEY NOTES

1. ALL OUTSIDE AIR AND EXHAUST AIR DUCTWORK BRANCHES SHALL HAVE A MANUAL BALANCING DAMPER EITHER LOCATED AT HIGH EFFICIENCY TAKE-OFF OF ON BRANCH LINE WITHIN 3' OF PIECE OF EQUIPMENT/GRILLE SERVED. INSTALL DAMPER AT AN EASILY ACCESSIBLE LOCATION.
2. ALL DUCT PENETRATIONS THROUGH CORRIDOR WALLS SHALL BE CORE DRILLED AS REQUIRED.
3. ALL EXPOSED DUCTWORK IN CORRIDORS SHALL HAVE ALL SEAMS/JOINTS SEALED WITH PAINTABLE CAULK PRIOR TO PAINT.
4. ALL VRF CASSETTES SHOWN ARE EXISTING. NEW WORK CONSISTS OF INSTALLING OUTSIDE AIR SYSTEM TO EXISTING VRF UNITS. (TYPICAL)
5. INSTALLATION OF NEW DUCTWORK SHALL BE CLOSELY COORDINATED WITH EXISTING FIRE SPRINKLER PIPING AND HEADS.
6. OFFSET DUCTWORK AROUND EXPOSED ELECTRICAL CONDUIT ON WALL.

VRF FRESH AIR SCHEDULE

MARK	FRESH AIR (CFM)
VRF-167	75
VRF-168	100
VRF-171	110

SSH ARCHITECTURE
Architecture and Construction Consulting Services
6240 Ballard Avenue, Suite A, Lincoln, Nebraska 68507
(402) 483-2893
E-MAIL: corp@ssh-arch.com
FAX: (402) 483-6499

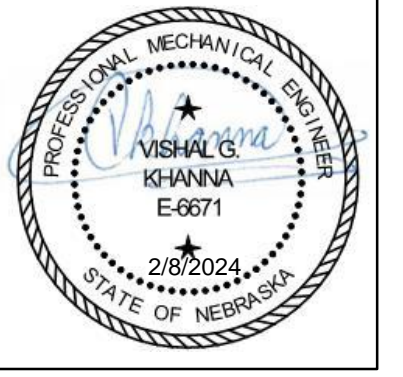
1776 Readiness Center - Dedicated Outside Air System (DOAS)
1776 North 10th Street
Lincoln, Nebraska

PROJECT NO.: 2312
NO. DESCRIPTION
ADJUDICUM 1

DATE: 02/08/2024

REVIEWED BY:

DATE:

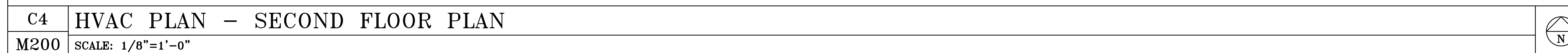


DRAWING TITLE:
FIRST LEVEL HVAC FLOOR PLAN

SHEET NO.:
M100

B17 SHEET NOTES
M100 SCALE: NONE

AES ADVANCED ENGINEERING SYSTEMS
CERTIFICATE OF AUTHORIZATION # CA1800
www.aes-es.com PROJECT # 23-091
4630 ANTELOPE CREEK RD. STE 200 LINCOLN, NE 68506 P: 402-488-0075 F: 402-488-0272



MARK	FRESH AIR (CFM)
VRF-248	105

DRAWING TITLE:
SECOND LEVEL HVAC
FLOOR PLAN

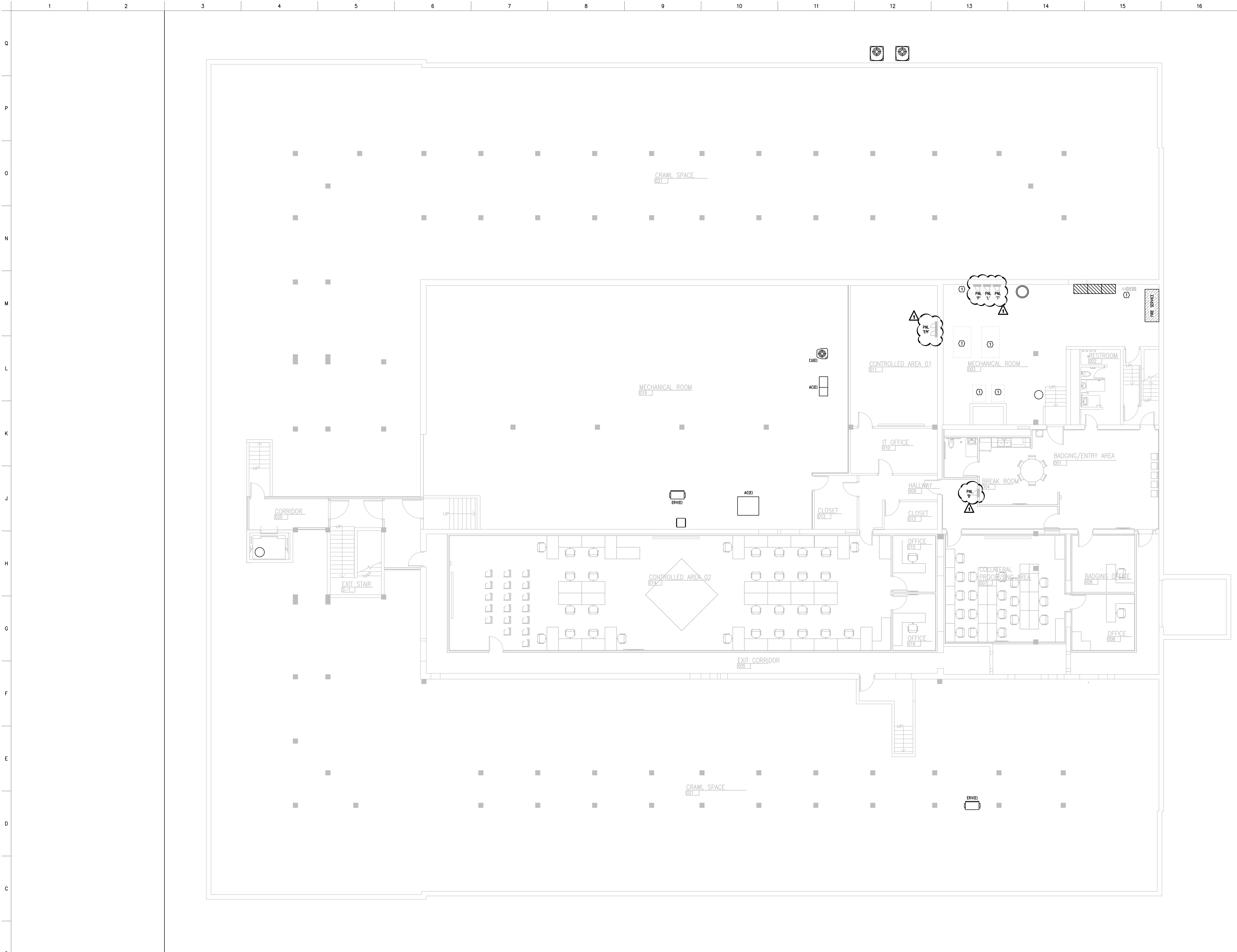
SHEET NO.:

M200

AES ADVANCED
ENGINEERING
SYSTEMS

CERTIFICATE OF AUTHORIZATION # CA1800
www.a-e-sys.com PROJECT # 23-091

4630 ANTELOPE CREEK RD STE 200 P: 402-488-0075
 LINCOLN, NE 68506 F: 402-488-0272



B3	POWER/LIGHTING – BASEMENT FLOOR PLAN
E000	SCALE: 1/8"=1'-0"

B17	SHEET NOTES
E000	SCALE: NONE

AES
ADVANCED
ENGINEERING
SYSTEMS

CERTIFICATE OF AUTHORIZATION # CA1800
www.a-e-s.com
4630 ANTELOPE CREEK RD. STE 200
LINCOLN, NE 68506

P: 402-488-0075
F: 402-488-0272

SHEET NOTES

GENERAL NOTES

KEY NOTE SYMBOL = (K)

A. ALL WORK SHALL COMPLY WITH THE APPLICABLE LAWS AND REGULATIONS OF THE STATE, WITH ALL REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), THE STATE ADOPTIONS AND ALL AUTHORITIES HAVING JURISDICTION. IN THE EVENT OF CONFLICT BETWEEN THESE PLANS AND GOVERNING LAWS, THE MORE STRICT SHALL APPLY.

B. THESE PLANS ARE SCHEMATIC IN NATURE. THROUGH A LOT OF DETAILS MAY BE SHOWN, THEY ARE NOT INTENDED TO SHOW EVERY DETAIL. THE INTENT IS TO DEFINE A GENERAL SCOPE OF WORK. THE CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BEGINNING TO SEE ACTUAL CONDITIONS.

C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP DURING AND AT CONCLUSION OF CONSTRUCTION PERIOD. NO MATERIALS SHALL BE LEFT ON SITE WHEN WORK IS COMPLETED, UNLESS REQUESTED BY OWNER. ALL MATERIALS SHALL BE DISPOSED OF PROPERLY.

D. ALL DASHED ITEMS AND ITEMS NOTED WITH 'R' SHALL BE REMOVED. EXISTING ITEMS SHOWN IN LIGHT SHADE ARE TO REMAIN AND SHALL BE MAINTAINED. ALL DEVICES SHOWN WITH 'R' ARE TO BE REMOVED AND RELOCATED. RETEST ALL AFFECTED DEVICES TO ENSURE INTEGRITY.

E. EXISTING ELECTRICAL CONDUIT WHICH IS NOT CONCEALED IN WALLS OR FLOOR SLAB AND WHICH IS NOT BEING REUSED SHALL BE REMOVED. WIRING SHALL BE REMOVED AND ABANDONED CONDUIT SHALL BE CUT OFF FLUSH WHERE IT ENTERS THE FLOOR OR WALL AND SEALED. EXISTING CONDUIT TO REMAIN SHALL BE SUPPORTED.

F. WHERE DEVICES ARE TO BE REMOVED FROM EXISTING SURFACES OR ABANDONED, THE CONTRACTOR SHALL INSTALL BLANK STAINLESS STEEL WALL PLATES. EXTRA CARE SHOULD BE TAKEN NOT TO DAMAGE EXISTING SURFACES OR FINISHES. ALL REPAIR COSTS SHALL BE AT THE EXPENSES OF THE CONTRACTOR. REPAIR ALL HOLES FROM THE REMOVAL OF ELECTRICAL ITEMS AND PATCH/PAIN TO MATCH EXISTING.

G. THE INFORMATION SHOWN ON THESE DRAWINGS ARE FROM SITE INVESTIGATION. THERE WERE NO EXISTING DRAWINGS AVAILABLE. THERE MAY BE MORE DEVICES TO BE REMOVED THAN SHOWN. THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID. THE BUILDING NEEDS TO REMAIN FUNCTIONAL DURING ALL PHASES OF CONSTRUCTION. COORDINATE ALL REQUIREMENTS WITH THE OWNER AND ARCHITECT. MAINTAIN THE INTEGRITY OF ALL DEVICES NOT REQUIRED TO BE REMOVED.

H. PATCH, REPAIR, PAINT WALLS WHERE DEVICES HAVE BEEN REMOVED. PROVIDE STAINLESS STEEL COVER PLATES OVER UNUSED OR ABANDONED J-BOXES.

I. REFER TO ELECTRICAL/TELECOM RISER DIAGRAMS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE WORK REQUIRED BY LOCAL UTILITIES.

KEY NOTES

L. WORK SHALL BE PRICED UNDER A-B-1. MECHANICAL EQUIPMENT REMOVED BY OTHERS. EC SHALL REMOVE ALL ELECTRICAL CONNECTIONS, DISCONNECTS, CONDUIT, AND WIRE TO SOURCE. PLACE BREAKER IN OFF POSITION AND LABEL AS SPACE.

SSH

This drawing is the property of SSH ARCHITECTURE and is not to be reproduced or copied in whole or in part. It is only to be used for the project and site specifically identified herein and is not to be used on any other project. It is to be returned upon request.

SSH ARCHITECTURE
Architecture and Construction Consulting Services
6240 Ballard Avenue, Suite A, Lincoln, Nebraska 68507
(402) 483-2893
E-MAIL: corp@ssh-arch.com
FAX: (402) 483-0499

1776 Readiness Center – Dedicated Outside
Air System (DOAS)
1776 North 10th Street
Lincoln, Nebraska

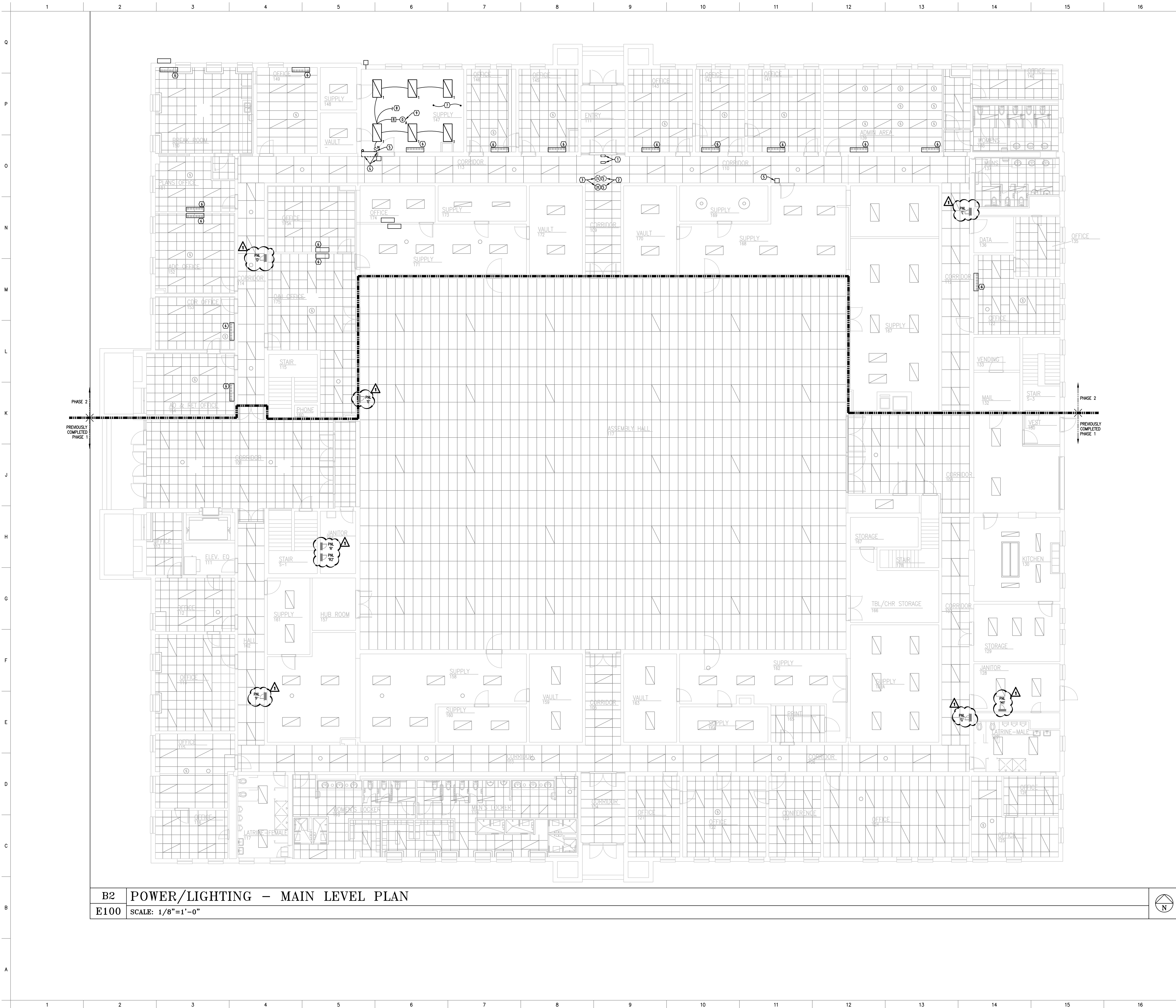
PROJECT NO.: 2312	DATE: 01/15/2024
NO. DESCRIPTION	DATE: 02/08/2024
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JOSH L. RICH
E-12414
STATE OF NEBRASKA


DRAWING TITLE:
POWER/LIGHTING – BASEMENT
FLOOR PLAN

SHEET NO.:
E000

Attachment #6



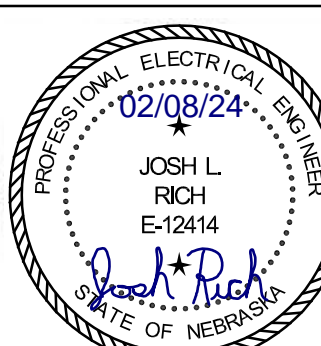
- SHEET NOTES**
- KEY NOTES
- KEY NOTE SYMBOL = (K)
1. REMOVE AND RELOCATE EXISTING DOOR SENSOR. EXTEND CONDUIT AND WIRE AS REQUIRED.
 2. REMOVE AND RELOCATE EXISTING SPEAKER. EXTEND CONDUIT AND WIRE AS REQUIRED.
 3. REMOVE AND RELOCATE EXISTING FIRE ALARM DEVICE. EXTEND CONDUIT AND WIRE AS REQUIRED.
 4. REMOVE AND RELOCATE DOOR ALARM INDICATOR AND CONDUIT FROM CORRIDOR. RELOCATE DOOR ALARM INDICATOR BELOW DUCT IN CORRIDOR. NEW CONDUIT AND WIRE SHALL BE ROUTED NEAR SUPPLY 147. CORE DRILL THROUGH WALL AND RECONNECT TO DOOR ALARM INDICATOR LOCATED UNDER DUCT IN CORRIDOR. EXTEND CONDUIT AND WIRE AS REQUIRED. ALL CONDUIT AND WIRE SHALL BE CONCEALED.
 5. REMOVE AND RELOCATE EXISTING NETWORK EQUIPMENT BELOW DUCT. EXTEND CONDUIT AND WIRE AS REQUIRED.
 6. WORK SHALL BE PRICED UNDER AB A3. MECHANICAL EQUIPMENT REMOVED BY OTHERS. EC SHALL REMOVE ALL ELECTRICAL CONNECTIONS, DISCONNECTS, CONDUIT, AND WIRE TO SOURCE. PLACE BREAKER IN OFF POSITION AND LABEL AS SPARE.
 7. WORK SHALL BE PRICED UNDER AB A4. REMOVE FOUR EXISTING LIGHT FIXTURES. PROVIDE AND INSTALL NEW LIGHT FIXTURES AND DEVICES IN THIS AREA AFTER MECHANICAL WORK IS COMPLETED. SEE LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
 8. CONNECT TO EXISTING CIRCUIT SERVING THIS AREA.
 9. TYPICAL DUAL TECH LOW VOLTAGE CEILING MOUNT OCCUPANCY SENSOR. WATTS/FOOT MODEL # DT-300 OR EQUAL. PROVIDE WITH POWER PACK AND LOCATE IN AN ACCESSIBLE AREA.



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1776 Readiness Center - Dedicated Outside
Air System (DOAS)
1776 North 10th Street
Lincoln, Nebraska

PROJECT NO.: 2372	DATE: 01/15/2024
NO. DESCRIPTION	DATE: 02/08/2024
ADDENDUM 1	



DRAWING TITLE:
POWER/LIGHTING - MAIN
LEVEL PLAN

SHEET NO.:
E100

B17 SHEET NOTES
E100 SCALE: NONE

AES ADVANCED ENGINEERING SYSTEMS
CERTIFICATE OF AUTHORIZATION # CA1800
PROJECT # 23-091
4630 ANTELOPE CREEK RD. STE 200
LINCOLN, NE 68506
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AES ADVANCED
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SYSTEMS

CERTIFICATE OF AUTHORIZATION # CA1806
www.a-e-sys.com PROJECT # 23-09

4630 ANTELOPE CREEK RD STE 200 P: 402-488-0075
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ADVANCED
ENGINEERING
SYSTEMS

CERTIFICATE OF AUTHORIZATION # CA18000
www.a-e-sys.com PROJECT # 23-09

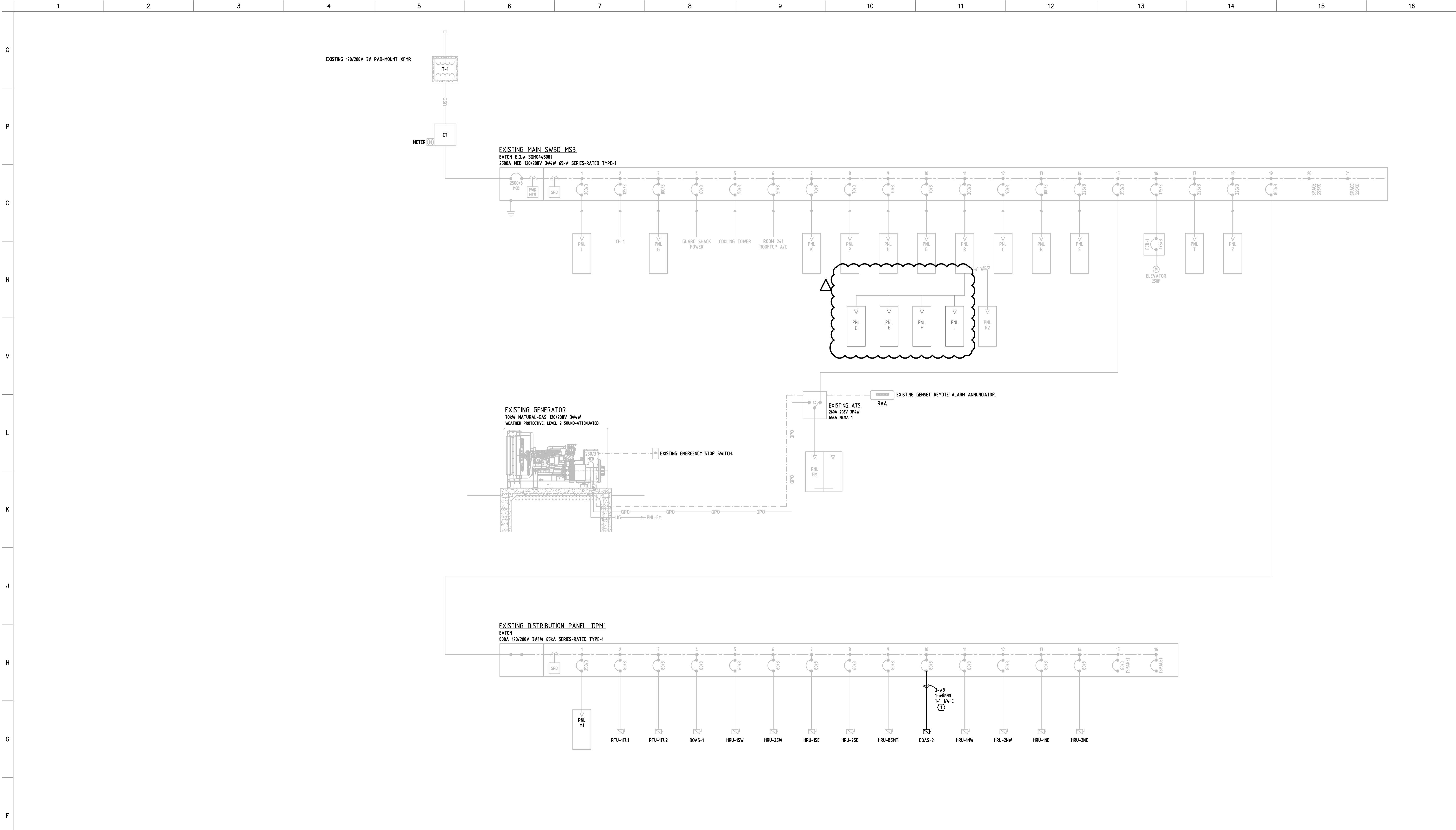
4630 ANTELOPE CREEK RD STE 200
LINCOLN, NE 68506

P: 402-488-0075
F: 402-488-0277

NO.	DESCRIPTION	DATE:
1	ADDENDUM 1	02/08/2024
2		
3		
4		
5		

DRAWING TITLE:
POWER/LIGHTING - SECOND
LEVEL PLAN
SHEET NO.:
E200

Attachment #6



ONE-LINE DIAGRAM NOTES

GENERAL NOTES KEY NOTE SYMBOL =

A. THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE DURING ON-SITE INVESTIGATION/EXISTING DRAWINGS. VISIT JOB SITE & ADAPT TO ACTUAL CONDITIONS.

B. LIGHT SHADE INDICATES EXISTING. BOLD-DASHED INDICATES DEMOLITION. BOLD-CONTINUOUS INDICATES NEW. 'ER' INDICATES EXISTING-RELOCATED.

C. CONDUIT RUNS ARE DIAGRAMMATIC & SHOWN FOR BIDDING PURPOSES ONLY. ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD.

D. ALL AFFECTED PANELS SHALL BE PROVIDED WITH UPDATED, TYPED SCHEDULES IN AS-BUILT FORM.

KEY NOTES

1. CONNECT NEW CONDUCTORS TO EXISTING CIRCUIT BREAKER.

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F1 ELECTRICAL ONE-LINE DIAGRAM - RENOVATED

E400 SCALE: NTS

LUMINAIRE SCHEDULE						
* AIM OPTICS PER ARCHITECTS INSTRUCTIONS						
* PRIOR APPROVAL IS NOT REQUIRED, UNLESS NOTED. SUPPLIER MAY BID ON ANY PRODUCT AS LONG AS THEY MEET ALL SPECIFICATIONS AND REQUIREMENTS. IT IS THE SUPPLIER'S RESPONSIBILITY TO PROVE PRODUCT IS EQUAL. ARCHITECT/ENGINEER SHALL REVIEW SUBMITTALS AND HAVE THE FINAL DECISION TO ACCEPT OR REFUSE PRODUCT AS AND EQUAL AFTER BID OPENING.						
* MANUFACTURERS SHALL PROVIDE A 5YR WARRANTY FROM DATE OF SUBSTANTIAL COMPLETION FOR ALL FIXTURE TYPES. MANUFACTURERS WITH LESS THAN 5 YEAR PERIOD SHALL PROVIDE AN EXTENDED WARRANTY. WARRANTY PERIOD SHALL START AT SUBSTANTIAL COMPLETION.						
DESIGNATION	LUMINAIRE DESCRIPTION	MOUNTING	LAMPS			NOTES
			QUANTITY	WATTS	TYPE	
1	LED 2X4 TROFFER, 4000LM	GRID	-	31	LED	
					INPUT VOLTAGE	
					MANUFACTURER	
NOTES:						
1. LUTHONIA 2BLT4 40L ADSM EZ1 LP840						

EQUIPMENT CONNECTION SCHEDULE																
General Notes:																
* SEE APPROVED SUBMITTALS FOR EXACT REQUIREMENTS/ACTUAL LOCATIONS																
* ANY ELECTRICAL COSTS, DUE TO SUBSTITUTION FOR SPECIFIED EQUIPMENT, SHALL BE THE MC AT NO ADDITIONAL EXPENSE TO THE OWNER																
* ELECTRICAL CONNECTIONS AND INTERCONNECTIONS TO ALL MECHANICAL/ELECTRICAL EQUIPMENT SHALL BE DONE BY THE ELEC. CONTR., UNLESS NOTED OTHERWISE																
* LOW VOLTAGE CONTROL WIRE BY OTHERS																
* ALL NECESSARY DISCONNECT SWITCHED INSTALLED AHEAD OF EQUIPMENT CONTROL BY EC.																
X.#	DESCRIPTION	DATA				WIRING			CONNECTION					NOTES		
		KILLOWATTS	HORSEPOWER	MCA	MCCP	VOLTAGE	PHASE	CONDUCTORS	GROUNDING	RACEWAY	PLUG	NEMA CONFIG.	DIRECT		DISCONNECT SWITCH	MOTOR STARTER
DOAS-2	OUTDOOR AIR UNIT			59	80	208	3	3-Ø3	Ø8	1 1/4"			X	NEMA 3R FUSED		
NOTES:																
1. -																

B17 SHEET NOTES

E400 SCALE: NONE

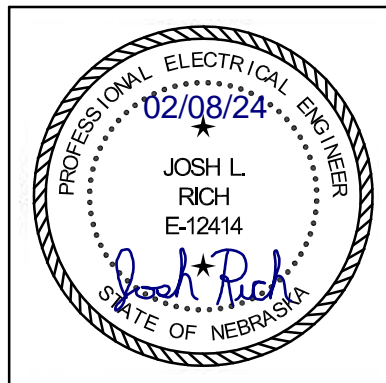
ADVANCED
ENGINEERING
SYSTEMS

CERTIFICATE OF AUTHORIZATION # CA1800
PROJECT # 23-091

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PROJECT NO.: 2312	DATE: 01/15/2024
REVIEWED BY:	DATE: 02/08/2024
NO. DESCRIPTION	FILE NO.
ADENDUM 1	



DRAWING TITLE:
ELECTRICAL SCHEDULES AND
ONE-LINE DIAGRAM

SHEET NO.:
E400