



4 August 2026

MILITARY DEPARTMENT
STATE of NEBRASKA
LINCOLN, NEBRASKA

NEBRASKA ARMY NATIONAL GUARD

GTS 711 HVAC Repairs Project

at the

Greenlief Training Site (GTS) 6700 E. J Street, Hastings, NE 68901

for the

MILITARY DEPARTMENT
STATE of NEBRASKA
Lincoln, Nebraska

PROJECT NO. 31090728

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: The Pre-Bid was held as scheduled, see attached meeting notes and attendees.

ADD 1-2: General Items:

1. The Contractor may utilize power, without use charges, from the existing building
2. Original, copyrighted AIA documents shall be utilized for all instances where they are indicated in the project manual. Use of copies or facsimiles of AIA documents is prohibited.





3. The Contractor is responsible for verifying all existing site utilities before beginning construction by hiring a private utility locating company. 811 will not locate utilities on private property.
4. There are no permits required for this project from any jurisdiction.
5. All inspections indicated within the Contract Documents shall be coordinated with the Engineer by the Contractor.
6. See Appendix A, Article 5 for Build America, Buy America Act requirements.

ADD 1-3: Question: Is this job Davis-Bacon / prevailing wage? Appendix A references the Copeland Act but, I don't see a wage determination in the book.

Answer: No, Davis-Bacon or prevailing wages are not applicable for this project.

ADD 1-4: Question: Are the pre-bid minutes going out by addendum?

Answer: The pre-bid agenda is included with this addendum. The summary of the pre-bid includes a walk-through of the front end requirements outlined in the Agenda and a site walk-through showing the existing conditions of the spaces.

ADD 1-5: Question: With the gas modifications is a private gas meter required?

Answer: No, meter is required. The gas will connect to the private gas line serving the generator and extend to serve the new furnaces.

ADD 1-6: Sheet M1.1A – Mechanical Plan – Area A
a. Revised condensate serving F-1 to utilize condensate pump that will discharge to service sink in Mech/Storage room.

ADD 1-7: Sheet M3.0 – Mechanical Details and Schedules
a. Revised Mini-split schedules
b. Added condensate pump schedule

ADD 1-8: Sheet EG0.0 – Electrical General Information
a. Added condensate pump (P-1) to equipment connection schedule.

ADD 1-9: Sheet E1.1A – Power Plan – Area A
a. Added power connection for condensate pump (P-1).

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


Tony Dupsky, PE
Engineering Technologies Inc.


CRAIG W. STRONG
Major General, The Adjutant General

ATTACHMENTS:

1. Pre-Bid Agenda and Sign-in sheet
2. Sheet M1.1A
3. Sheet M3.0





4. Sheet EG0.0
5. Sheet E1.1A

End of Addendum No. 1



PRE-BID CONFERENCE
GTS 711 HVAC Repairs Project, PN# 31090728
6700 E. J Street, Hastings, NE 68901
1000 Hrs. on 28 July 2026

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. Keith Brocksmith	Contracts Officer	402-309-8473	keith.d.brocksmith.nfg@army.mil
Mr. Jack Hodges	PM Manager	402-309-8453	john.p.hodges6.nfg@army.mil
Mr. Todd Chase	Project Manager	402-309-8463	troy.t.chase.nfg@army.mil
MAJ Calvin Van O'Linda	Site POC	402-309-8720	calvin.t.vanolinda.mil@army.mil
Tony Dupsky	Engineering Tech Inc.	402-476-1273	tdupsky@eti-engineers.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 4 August 2026**. **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 (3) 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 11 August 2026** 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 NW 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 **Project NAME**. 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 . 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, call by noon to be put on the visitor access listing and 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 workplace 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 more than \$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 vehicles and personnel is not authorized.

- 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). The Project Manager will provide the format.

SITE POINT OF CONTACT(POC) COMMENTS:

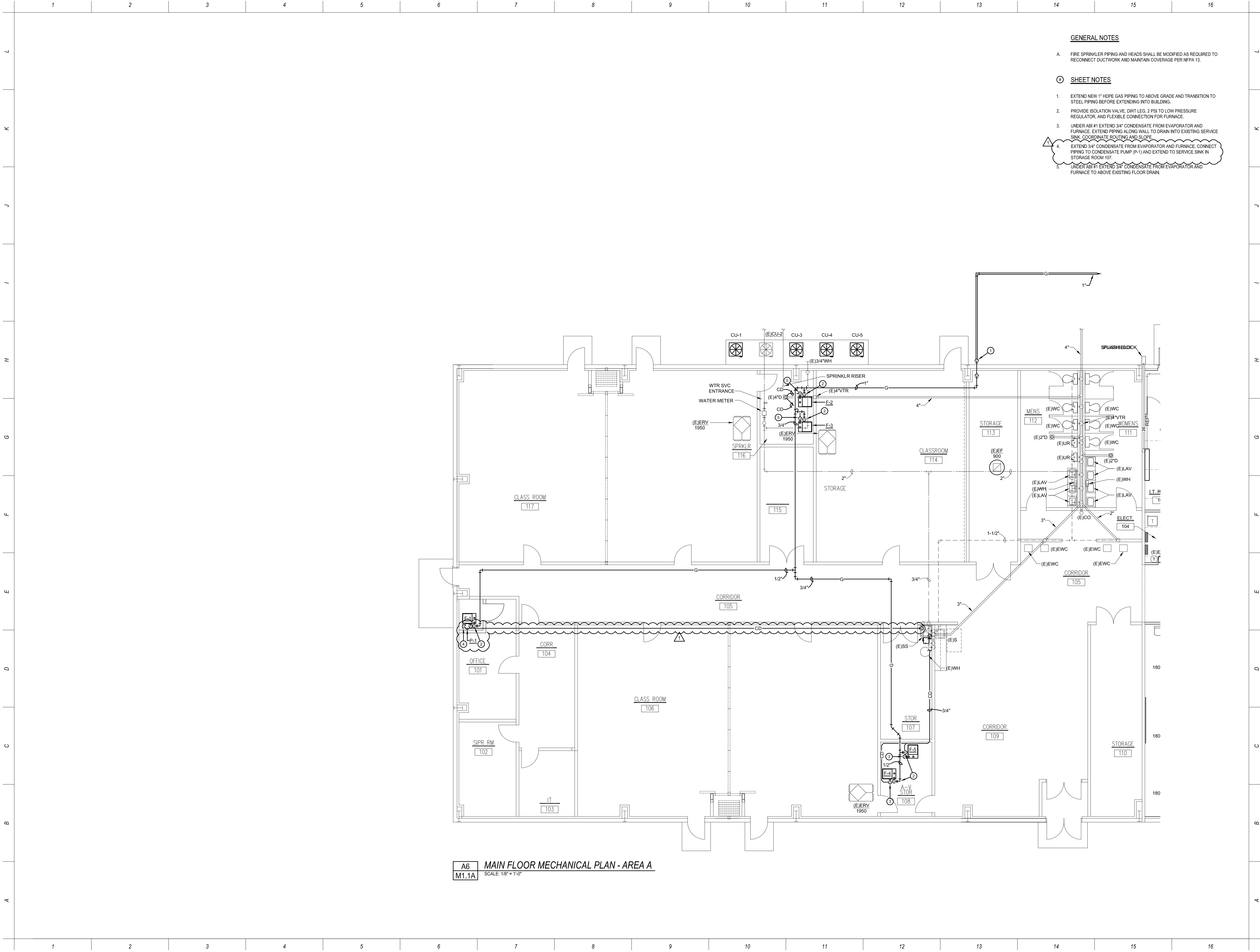
PROJECT MANAGER COMMENTS:

ARCHITECT COMMENTS:



PN# 31090728 Date: 28 July 2026

[illegible]



GENERAL NOTES

- A. FIRE SPRINKLER PIPING AND HEADS SHALL BE MODIFIED AS REQUIRED TO RECONNECT DUCTWORK AND MAINTAIN COVERAGE PER NFPA 13.

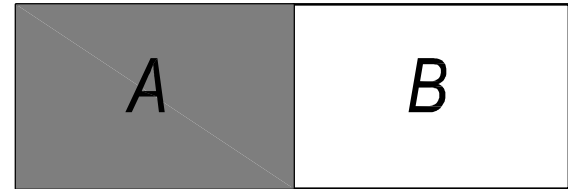
③ SHEET NOTES

1. EXTEND NEW 1" HDPE GAS PIPING TO ABOVE GRADE AND TRANSITION TO STEEL PIPING BEFORE EXTENDING INTO BUILDING.
2. PROVIDE ISOLATION VALVE, DIRT LEG, 2 PSI TO LOW PRESSURE REGULATOR, AND FLEXIBLE CONNECTION FOR FURNACE.
3. UNDER ABI #1 EXTEND 3/4" CONDENSATE FROM EVAPORATOR AND FURNACE. EXTEND PIPING ALONG WALL TO DRAIN INTO EXISTING SERVICE SINK. COORDINATE ROUTING AND SLOPE.
4. EXTEND 3/4" CONDENSATE FROM EVAPORATOR AND FURNACE. CONNECT PIPING TO CONDENSATE PUMP (P-1) AND EXTEND TO SERVICE SINK IN STORAGE ROOM 107.
5. UNDER ABI #1 EXTEND 3/4" CONDENSATE FROM EVAPORATOR AND FURNACE TO ABOVE EXISTING FLOOR DRAIN.

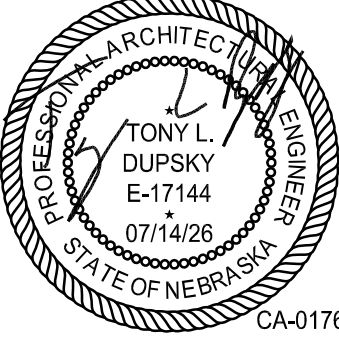


GTS BUILDING 711
HVAC
SUSTAINMENT

6700 East J Street
Hastings, NE 68901



KEY PLAN



REV.	DESCRIPTION	DATE
1	ADDENDUM #1	08/04/2026

PROJECT NUMBER:	2026-084
DATE:	JULY 14, 2026
DRAWN BY:	SNB
CHECKED BY:	TLD

SHEET NAME:
MECHANICAL PLAN - AREA A



ROOFTOP UNIT SCHEDULE

- NOTES:**
1. COOLING CAPACITY IS BASED ON 95°F DB / 77°F WB AMBIENT CONDITIONS.
 2. HEATING CAPACITY IS BASED -10.0 AMBIENT CONDITIONS.
 3. UNIT SHALL BE PROVIDED WITH VFD MODULATING (10% - 100%) COMPRESSOR CAPACITY WITH INTERLACED COIL.
 4. EACH UNIT TO BE PROVIDED WITH SINGLE POINT POWER CONNECTION WITH INTEGRAL DISCONNECT, FACTORY MOUNTED VFD FOR ENERGY RECOVERY WHEEL, FRESH AIR FANS AND EXHAUST FANS. HOT GAS REHEAT FOR HUMIDITY CONTROL.
 5. PROVIDE 2" 30% PRE-FILTER AND MERV 8 FINAL FILTER FOR FRESH AIR STREAM, AND 2" MERV 8 FILTER FOR EXHAUST AIR STREAM.
 6. PROVIDE ENERGY RECOVERY MODULATION FOR FROST CONTROL.
 7. PROVIDE 5 YEAR WARRANTY ON COMPRESSOR.
 8. PROVIDE STANDALONE CONTROLS, SEE SPECIFICATIONS FOR SEQUENCE OF OPERATIONS, PROVIDE BACNET COMMUNICATION CARD FOR CONNECTION TO BMS.
 9. INVERTER SCROLL COMPRESSOR
 10. STAINLESS STEEL HEAT EXCHANGER.
 11. REFRIGERANT TO BE R-454B.
 12. POLYMER WHEEL WITH SILICA GEL DESICCANT.
 13. PROVIDE SIDE DISCHARGE ROOF CURB TO ALIGN WITH EXISTING DUCT CONNECTIONS.

MARK	FA BLOWERS		XA BLOWERS		WINTER CONDITIONS																SUMMER CONDITIONS										ELECTRICAL				NOTES	VALENT MODEL #
	CFM / ESP (IN)	QTY X HP	CFM / ESP (IN)	QTY X HP	ENERGY WHEEL PERFORMANCE								ENERGY WHEEL PERFORMANCE								DX COOLING				VOLT / PHASE	MCA	MOP									
					FRESH AIR				EXHAUST AIR				GAS HEATING				FRESH AIR				EXHAUST AIR															
					EAT °F DB / WB	LAT °F DB / WB	CFM	EER	EAT °F DB / RH	LAT °F DB / WB	INPUT (MBH)	OUTPUT (MBH)	EAT °F DB / WB	LAT °F DB / WB	CFM	EAT °F DB / WB	LAT °F DB / WB	CFM	EAT °F DB / WB	LAT °F DB / WB	CFM	EAT °F DB / WB	LAT °F DB / WB	SENS. (MBH)				TOTAL (MBH)	EER							
					RTU-1	2,300 / 0.9	1 X 1.5	1,150 / 0.75	1 X 1	-10.0 / -11.0	47.3 / 38.4	1,150	60.0 / 35%	4.1 / 4.0	100.0	81.0	53.7	86.3	6:1	95.0 / 77.0	78.4 / 65.7	1,150	75.0 / 50%	90.8 / 74.0				76.7 / 64.1	51.5 / 51.5	58.8	81.4	12.3	480 / 3	20.4		
RTU-2	2,300 / 0.9	1 X 1.5	1,150 / 0.75	1 X 1	-10.0 / -11.0	47.3 / 38.4	1,150	60.0 / 35%	4.1 / 4.0	100.0	81.0	53.7	86.3	6:1	95.0 / 77.0	78.4 / 65.7	1,150	75.0 / 50%	90.8 / 74.0	76.7 / 64.1	51.5 / 51.5	58.8	81.4	12.3	480 / 3	20.4	25	ALL	VXE-112-36D-7J-C-G2							
RTU-3	3,200 / 0.9	1 X 1	900 / 0.75	1 X 1	-10.0 / -11.0	54.4 / 43.8	900	66.0 / 35%	4.1 / 4.0	100.0	81.0	62.7	86.1	6:1	95.0 / 77.0	77.9 / 65.4	900	75.0 / 50%	91.3 / 74.3	75.8 / 63.2	50.2 / 50.2	83.3	115.1	11.8	480 / 3	31.9	45	ALL	VXE-112-36D-10I-C-G2							
RTU-4	3,200 / 0.9	1 X 1	900 / 0.75	1 X 1	-10.0 / -11.0	54.4 / 43.8	900	66.0 / 35%	4.1 / 4.0	100.0	81.0	62.7	86.1	6:1	95.0 / 77.0	77.9 / 65.4	900	75.0 / 50%	91.3 / 74.3	75.8 / 63.2	50.2 / 50.2	83.3	115.1	11.8	480 / 3	31.9	45	ALL	VXE-112-36D-10I-C-G2							

MINI-SPLIT OUTDOOR UNIT SCHEDULE

- NOTES:**
1. COOLING CAPACITY BASED ON 95°F AMBIENT AIR AND 80°F D.B./67°F W.B. RETURN AIR.
 2. HEATING CAPACITY BASED ON 47°F DB OUTDOOR AIR TEMPERATURE AND 70°F DB INDOOR AIR TEMPERATURE.
 3. PROVIDE 10 YEAR COMPRESSOR WARRANTY.
 4. UNIT TO PROVIDE HEATING TO -4°F COOLING TO 10°F.
 5. UNIT TO BE MOUNTED ON CONCRETE PAD.
 6. REFRIGERANT TO BE R-32 OR R-454B.
 7. PROVIDE HAIL GUARD AND LOW AMBIENT BAFFLES.

MARK		TOTAL COOLING (BTUH)		TOTAL HEATING (BTUH)		SEER		ELECTRICAL					MANUFACTURER	MODEL NUMBER	NOTES
OUTDOOR UNIT	INDOOR UNIT							VOLTS	PHASE	FLA	MCA	MOCP			
MSO-1	MSI-1 / MSI-2	27.2	16.3	19.2	208	1	19.7	29	49				mitsubishi	MXZ-SD36NL	1 - 6

MINI-SPLIT INDOOR UNIT SCHEDULE

- NOTES:**
1. COOLING CAPACITY BASED ON 100°F AMBIENT AIR AND 80°F D.B./67°F W.B. RETURN AIR.
 2. HEATING CAPACITY BASED ON 70°F DB E.A.T. AND 5°F DB O.A.T.
 3. PROVIDE CONDENSATE PUMP TO LIFT CONDENSATE TO ALLOW FOR GRAVITY DRAINING.
 4. UNIT TO PROVIDE HEATING TO -4°F COOLING TO 10°F.
 5. PROVIDE HARDWIRED THERMOSTAT FOR UNIT CONTROL. COORDINATE CONNECTION TO BMS TO MONITOR/CONTROL UNIT.

MARK		TYPE	TOTAL COOLING (BTUH)	TOTAL HEATING (BTUH)	CFM	MANUFACTURER	MODEL NUMBER	NOTES
INDOOR UNIT	OUTDOOR UNIT							
MSI-1	MSO-1	WALL	9.0	5.4	445	mitsubishi	MSZ-GX12NL	1 - 5
MSI-2	MSO-2	WALL	18.2	10.9	765	mitsubishi	MSZ-GX24NL	1 - 5

FURNACE AND CONDENSING UNIT SCHEDULE

- NOTES:**
1. COOLING CAPACITY BASED ON 95°F AMBIENT AIR AND 80°F D.B./67°F W.B. RETURN AIR.
 2. HEATING CAPACITY BASED ON -10°F DB OUTSIDE AIR AND 70°F DB RETURN AIR.
 3. PROVIDE HAIL GUARDS FOR OUTDOOR CONDENSING UNITS.
 4. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT WITH ON-OFF-HEAT-COOL-AUTO SYSTEM SETTINGS UNDER BASE BID. UNDER ABI #3 UNITS SHALL BE CONTROLLED VIA BMS.
 5. UNDER ABI #2 PROVIDE SPACE SENSOR WITH LCD DISPLAY TO CONTROL UNIT VIA BMS.
 6. REFRIGERANT TO BE R-454B OR R-32. PROVIDE FACTORY REFRIGERANT DEDECTION AND SAFETIES TO MEET CURRENT CODE REQUIREMENTS.
 7. PROVIDE 5 YEAR COMPRESSOR WARRANTY AND 10 YEAR HEAT EXCHANGER WARRANTY.
 8. UNDER BASE BID F-1 AND CU-1 TO BE PROVIDED, ALL OTHER UNITS TO REMAIN.
 9. UNDER BASE BID ALL UNITS, EXCEPT EXISTING CU-2, TO BE PROVIDED.

MARK		FURNACE										CONDENSING UNIT							FRASER-JOHNSTON / JCI MODEL NUMBERS		
FURNACE	CONDENSING UNIT	SUPPLY AIR FLOW (CFM)	EXT. S.P. (IN. W.C.)	NATURAL GAS HEATING		ELECTRICAL			MIN. SEER AT ARI	COOLING STAGES	MIN. COOLING		ELECTRICAL			FURNACE	EVAPORATOR COIL	CONDENSING UNIT			
				INPUT (MBH)	OUTPUT (MBH)	MOTOR H.P.	VOLT / PHASE	MOP			SENSIBLE (MBH)	TOTAL (MBH)	NO. OF COMPRESSORS	MCA / MOP	VOLT / PHASE						
F-1	CU-1	1,200	0.6	80	77.0	1/2	120 / 1	15	14.8	2	26.4	36.1	1	19.2 / 30	208 / 1	TM9V080B12MP12C	CTM36B5ADS1	XC36B2S11			
F-2	(E)CU-2	1,990	0.6	120	115.0	1	120 / 1	20	14.5	2	40.6	57.9	1	31.6 / 50	208 / 1	TM9V120B20MP12C	CTM60D5CGS1	XC360E4S11A			
F-3	CU-3	1,990	0.6	120	115.0	1	120 / 1	20	14.5	2	40.6	57.9	1	31.6 / 50	208 / 1	TM9V120B20MP12C	CTM60D5CGS1	XC660E2S11			
F-4	CU-4	1,990	0.6	120	115.0	1	120 / 1	20	14.5	2	40.6	57.9	1	31.6 / 50	208 / 1	TM9V120B20MP12C	CTM60D5CGS1	XC660E2S11			
F-5	CU-5	1,600	0.6	120	115.0	1	120 / 1	20	14.5	2	32.5	46.3	1	27.3 / 45	208 / 1	TM9V120B16MP12C	CTM48C5CF51	XC348E4S11A			

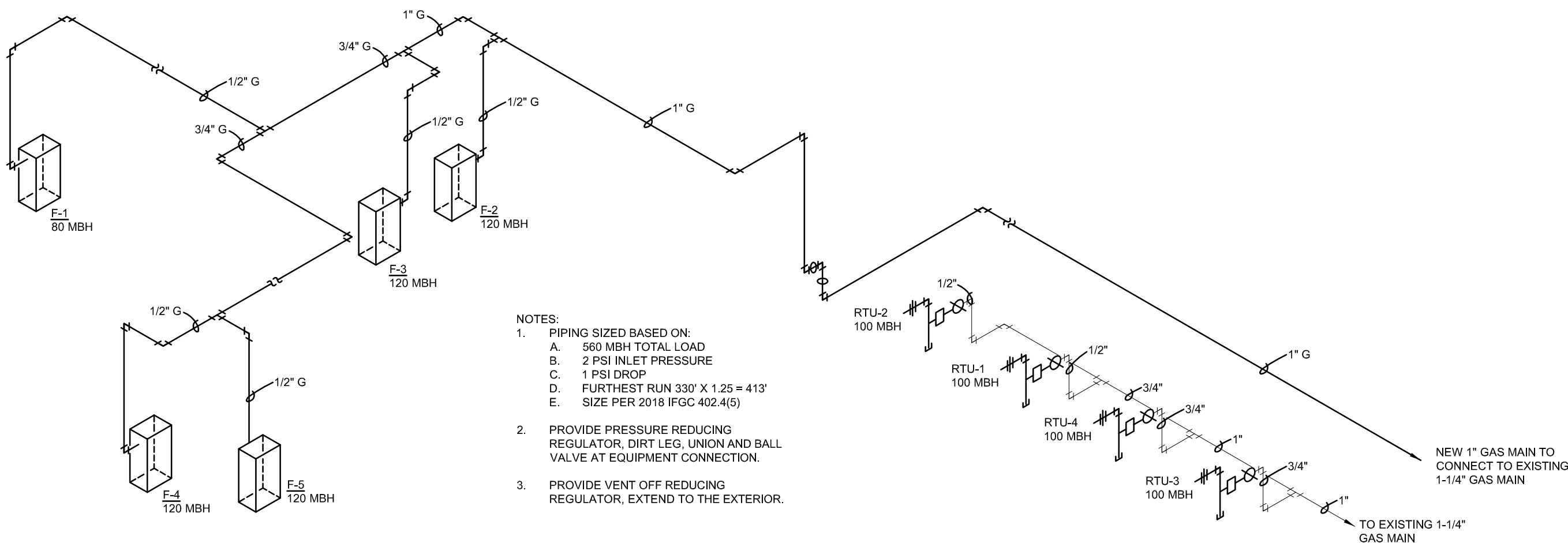
EXHAUST FAN SCHEDULE

- NOTES:**
1. FOR EF-1 EXISTING EF CURB TO BE REUSED. PROVIDE CURB ADAPTER IF REQUIRED.
 2. PROVIDE DISCONNECT SWITCH AND BACKDRAFT DAMPER FOR ALL EXHAUST FANS.
 3. EXHAUST FANS TO BE REPLACED UNDER ABI #2.

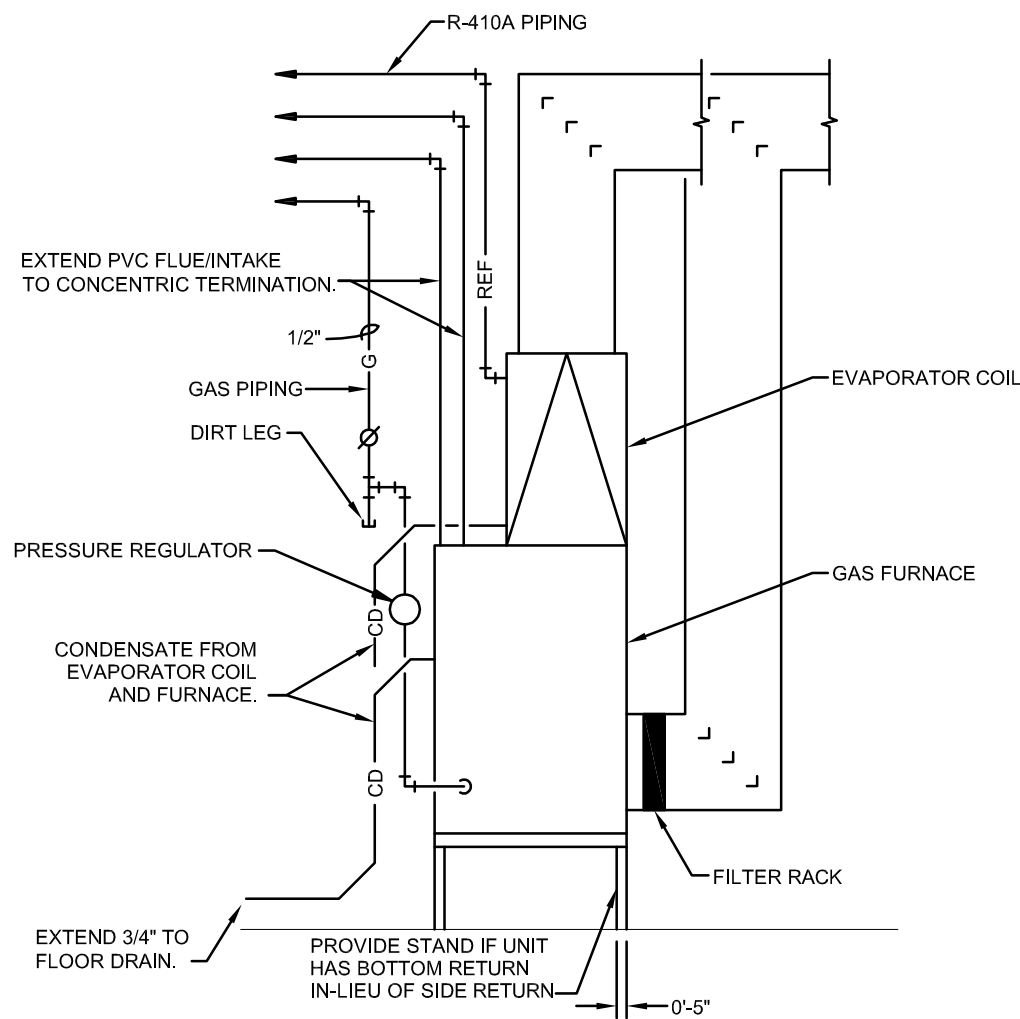
MARK	TYPE	CFM	S.P. IN W.G.	MOTOR DATA				ROOF, WALL OR CEILING MOUNTED	GREENHECK MODEL #	AREA SERVED
				HP	VOLT	PH	AMPS			
EF-1	DIRECT DRIVE	900	0.38	1/6	120	1	1140	ROOF	G-120-B	RESTROOMS
EF-2	DIRECT DRIVE	150	0.15	FRAC.	120	1	1050	CEILING	SP-B150	JANITORS

DIFFUSER, GRILLE, AND REGISTER SCHEDULE

MARK	FUNCTION	MANUFACTURER AND MODEL (OR PRIOR APPROVED EQUAL)
SR-1	SUPPLY REGISTER TYPE 1	TITUS 300RS, DOUBLE DEFLECTION, VERTICAL BLADE, OPPOSED BLADE DAMPER, WHITE FINISH, STEEL CONSTRUCTION.



A2 GAS RISER
M3.0 SCALE: NONE

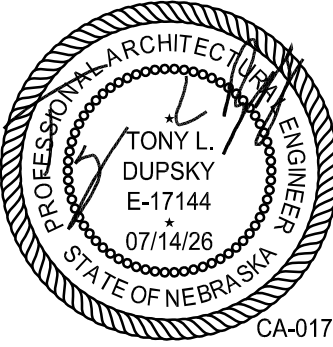


A13 FURNACE INSTALLATION DETAIL
M3.0 SCALE: NONE

GTS BUILDING 711 HVAC SUSTAINMENT

6700 East J Street
Hastings, NE 68901

KEY PLAN



REV.	DESCRIPTION	DATE
1	ADDENDUM #1	08/04/2026

PROJECT NUMBER:	2026-084
DATE:	JULY 14, 2026
DRAWN BY:	SNB
CHECKED BY:	TLD

SHEET NAME:

MECHANICAL DETAILS AND
SCHEDULES

SHEET NUMBER:

M3.0

	PLAN OR DETAIL NOTE IDENTIFICATION
	DETAIL IDENTIFICATION
	DETAIL NUMBER SHEET NUMBER
	HOMERUN TO PANELBOARD, LETTER INDICATES PANEL DESIGNATION, NUMBER INDICATES CIRCUIT
	CONDUIT CONCEALED IN WALLS OR CEILING, CROSSHATCHES INDICATE NUMBER OF CONDUCTORS EXCEPT NO CROSSHATCHES INDICATE 2 CONDUCTORS (GROUND WIRES ARE NOT SHOWN)

	WALL MOUNTED LIGHT FIXTURE, NUMBER = TYPE
	LIGHT FIXTURE, NUMBER = TYPE
	SINGLE POLE SWITCH, 3-WAY SWITCH AND 4-WAY SWITCH

	DUPLEX CONVENIENCE RECEPTACLE - WP = WEATHERPROOF - GFCI = GROUND FAULT CIRCUIT INTERRUPTER
	DRY-TYPE TRANSFORMER
	HORSEPOWER RATED MANUAL MOTOR CONTROLLER WITH TOGGLE SWITCH
	DISCONNECT SWITCH - FUSED
	SURFACE MOUNTED PANELBOARD
	DISTRIBUTION PANEL

COMMUNICATIONS OUTLET

SMOKE DETECTOR
- D = HVAC DUCT MOUNTED

A	AMPERES
AF	ABOVE FINISHED FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BD	BOARD
C	CONDUIT
CU	COPPER
E	INDICATES EXISTING TO REMAIN
EB	INDICATES EXISTING J-BOX AND CONDUIT IN WALL TO BE REUSED
EF	EXHAUST FAN
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
GND	GROUND
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
HZ	HERTZ
KVA	KILOVOLT AMPERES
KW	KILOWATT
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUG ONLY
NEC	NATIONAL ELECTRICAL CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
P	POLE
PNL	PANELBOARD
PVC	POLY VINYL CHLORIDE NON-METALLIC RACEWAY, SCHEDULE 40 OR SCHEDULE 80
R	REMOVE EQUIPMENT, INCLUDING MOUNTING HARDWARE, AND CONDUIT AND CONDUCTORS TO SOURCE OF SUPPLY, UNLESS OTHERWISE NOTED
RL	REMOVE AND RELOCATE ITEM. EXTEND EXISTING CONDUIT AND/OR CABLE AS REQUIRED TO NEW LOCATION, UNLESS OTHERWISE NOTED. SEE PLANS FOR NEW LOCATION.
RR	REMOVE AND REPLACE WITH NEW DEVICE. REUSE BOX AND CONDUIT IN WALL AND PROVIDE NEW CONDUIT AND WIRING TO DEVICE AS REQUIRED
RMG	STEEL RIGID METAL CONDUIT
RTU	ROOF TOP UNIT
SS	STAINLESS STEEL
TYP	TYPICAL
V	VOLTS
W	WATT
WP	INDICATES WEATHERPROOF
XFMR	TRANSFORMER

- A. THESE PLANS INDICATE MAJOR ITEMS OF DEMOLITION IN THE PROJECT AND ARE REQUIRED TO BE REMOVED TO THE REAR OF THE PROJECT TO COMPLETE THE WORK. REMOVE ITEMS INDICATED ON DEMOLITION SHEETS AND ADDITIONAL ITEMS AS REQUIRED FOR DEMOLITION WORK. DEMOLITION SHALL BE COMPLETE INCLUDING, BUT NOT LIMITED TO, REMOVAL OF DESIGNATED EQUIPMENT, ASSOCIATED CONDUIT, CABLES, CONDUCTORS, BOXES, DEVICES, MOUNTING HARDWARE, ETC. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH THE ADJACENT WALL FINISH.
- B. REMOVE ALL DEVICES AND FIXTURES AND ALL ASSOCIATED WIRING AND EXPOSED CONDUIT, IN WALLS AND CEILING SPACES WHICH ARE BEING REMOVED. MAINTAIN CIRCUIT CONTINUITY FOR ALL DEVICES, EQUIPMENT, AND FIXTURES WHICH REMAIN.
- C. FLOURESCENT LAMPS THAT ARE REMOVED SHALL BE BOXED AND RECYCLED IN ACCORDANCE WITH FEDERAL AND STATE ENVIRONMENTAL GUIDELINES.
- D. FLOURESCENT BALLASTS THAT ARE MARKED AS "CONTAINS NO PCB'S" SHALL BE DISPOSED OF BY THIS CONTRACTOR. BALLASTS THAT CONTAIN PCB'S OR THAT ARE NOT MARKED "CONTAINS NO PCB'S" SHALL BE BOXED AND/OR PALLETIZED AND RECYCLED IN ACCORDANCE WITH FEDERAL AND STATE ENVIRONMENTAL GUIDELINES.
- E. EXISTING COMMUNICATIONS, COMPUTER NETWORKING, OR OTHER SPECIAL SYSTEMS CABLES SHALL BE SECURED AND PROTECTED DURING CONSTRUCTION. ANY CABLE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR, AT NO COST TO THE OWNER (THE ENTIRE CABLE SHALL BE REPLACED AND TESTED FOR PROPER OPERATION IN THE PRESENCE OF THE OWNER).
- F. OWNER SHALL HAVE FIRST SALVAGE RIGHTS FOR ALL FIXTURES, EQUIPMENT, DEVICES, PANELS, ETC. BEING REMOVED. CONTRACTOR SHALL DISPOSE OF ALL ITEMS NOT SALVAGED BY OWNER.
- G. ALL ABANDONED COMMUNICATIONS CABLES, CONDUITS, RACEWAYS, DEVICES, EQUIPMENT SHALL BE REMOVED AND COVERED AND COVER SURFACES AS REQUIRED TO MATCH EXISTING SURFACES.

- A. PROVIDE TEMPORARY POWER, LIGHTING, AND HEATING AS REQUIRED FOR CONSTRUCTION. COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES.
- B. FIRE SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS, CEILING AND FLOORS.
- C. COORDINATE LOCATION OF WIRING DEVICES, TELECOM OUTLETS, FIRE ALARM DEVICES, ETC. WITH MILLWORK, TILE LAYOUT, AND OTHER WALL FINISHES PRIOR TO ROUGH-IN.
- D. ALIGN ADJACENT WALL MOUNTED OUTLET BOXES FOR SWITCHES, THERMOSTATS, AND SIMILAR DEVICES. DEVICES SHALL BE ALIGNED VERTICALLY WHEN INSTALLED AT DIFFERING HEIGHTS AND INSTALL ALL ADJACENT DEVICES AT THE SAME HEIGHT TO CENTER. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN TRADES PRIOR TO ROUGH-IN.
- E. CONCEAL ALL CONDUITS IN WALLS, CHASES, ABOVE CEILINGS, BELOW FLOOR, OR IN ADJACENT STORAGE OR UNFINISHED SPACES, WHERE POSSIBLE. RUN EXPOSED CONDUITS VERTICALLY, WHERE POSSIBLE, TO ABOVE ACCESSIBLE CEILING, CONNECT HORIZONTALLY ABOVE CEILING.
- F. PROVIDE TAMPER RESISTANT RECEPTACLES WHERE REQUIRED BY THE NEC.
- G. UTILIZE EXISTING CONCEALED CONDUIT AND FLUSH MOUNTED BOXES WHERE POSSIBLE.
- H. INSTALL NEW DEVICES IN EXISTING BACKBOX WHERE POSSIBLE. REUSE CONDUITS/SURFACE RACEWAY AS AVAILABLE. PROVIDE GANGE/COVERPLATE AND/OR BLANK COVERPLATES AS REQUIRED.
- I. POWER TO EXISTING AREAS NOT WITHIN THE SCOPE OF THIS PROJECT SHALL BE MAINTAINED AT ALL TIMES EXCEPT FOR SHORT TERM CUTOFFS NECESSARY FOR RECONNECTION OF EXISTING CIRCUITS, COORDINATE AND SCHEDULE OUTAGES WITH THE OWNER.

P-1	CONDENSATE PUMP	-	F	120	10	2 - #12 #12 GND 0.75" C	-	-	CORD & PLUG	PROVIDE NEMAR 5-20R CORD AND PLUG AS REQUIRED. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
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PROJECT NUMBER:	2026-084
DATE:	JULY 14, 2026
DRAWN BY:	ZHB / CJH
CHECKED BY:	TMR / TAE

 SHEET NUMBER: **EG0.0**



PROJECT NUMBER:	2026-084
DATE:	JULY 14, 2026
DRAWN BY:	ZHB / CJH
CHECKED BY:	TMR / TAE

 SHEET NUMBER: **E1.1A**