



MISSOULA COUNTY
INVITATION FOR BID ADDENDUM

IFB NAME: Missoula County Detention Facility Cooling System Upgrade
DUE DATE: July 9, 4:00 p.m., Local Time

ADDENDUM NUMBER: 1 **06-2026-03-A**

To All Offerors:

Attached are modifications to the bidding documents to address questions received in response to the IFB during the prebid walk throughs. These modified documents become an official amendment to this IFB.

All other terms of the subject "Invitation for Bid" remain as previously stated.

Addendum Format is as follows:

Page 1: This cover sheet.

Pages: 2-3 indicate general information, modifications to specifications, and a summary of changes to the drawings.

Pages 4-6 are the modified drawings with changes bubbled.

Acknowledgement of Addendum:

The offeror for this solicitation must acknowledge receipt of this addendum. This page must be submitted at the same time as the bid or the bid may be disqualified from further consideration.

I acknowledge receipt of Addendum No. 1 **06-2026-03-A**

Signed: _____

Company Name: _____

Date: _____

Addendum No. 01
Date: July 2, 2026
Project: Missoula County Detention Facility, Cooling System Upgrade
Owner: Missoula County
Architect: Cushing Terrell
306 W Railroad Ave, Ste. 104
Missoula, Montana 59802

Pages: 5 – (2) 8 ½ x 11 and (3) 24 x 36 (If you did not receive correct # of pages, please notify us immediately)

Acknowledge receipt of this Addendum by inserting its number and date in the Proposal Form. Failure to do so may subject Bidder to disqualification. This Addendum forms a part of the Contract Documents. It modifies them as follows:

GENERAL

1. Review the IFB closely, there are very specific requirements for submitting bids in the IFB.
2. The estimate of probable cost is \$1,000,000 for the base bid and \$550,000 for the add alternate.
3. Bids are due by 4:00 p.m. local time, Thursday July 9th, 2026.
4. Lay-down space is available on-site, coordinate location with owner.
5. Restrooms on-site will be available for use by workers.

SPECIFICATIONS

SECTION 232113 – HYDRONIC PIPING

1. ADD sub paragraphs a) and b) to paragraph 3.9, B, 4:
"a) The test pressure for the groundwater piping system shall be 130 PSI. The test pressure for the other piping systems shall be 75 PSI.
b) Notify owner and engineer 72 hours prior to test being performed."
2. ADD sub paragraph a) to paragraph 3.9, B, 5:
"a) Total pressure test duration shall be 30 minutes with no leaks. The pressure shall not vary more than 5 PSI +/- . Document test with digital photo's showing pressure gauge and time stamps at beginning and end of test. "

SECTION 236416 – CENTRIFUGAL WATER CHILLERS

1. In paragraph A of section 2.2 replace "Factory-assembled" with "Field-assembled".

2. ADD the following sentence at the end of sub paragraph B of section 2.2:
"The contractor shall leak test, evacuate and charge with refrigerant after assembly. "
3. REPLACE sub paragraphs A and B in section 2.4 with the following:
"A) The evaporator and condenser shall have dished heads with valved drain and vent connections. Water connections shall be grooved, mechanical joint coupling or flanged. The heads shall be carbon steel and the tubesheets shall be carbon steel. The waterside shall be designed for a minimum of 150 psig. The Wall copper tubes shall be 0.025 inch.
b) Notify owner and engineer 72 hours prior to test being performed."

DRAWINGS

SHEET M003 – MECHANICAL SITE PLAN (see attached revised drawing)

1. ADD: Identification of roof drain sump manhole.
2. MODIFY: Pressure test note.
3. MODIFY: Directional drill path on north side of the building to avoid buried roof drain piping to sumps.
4. ADD: Keynote 10.

SHEET M010 – ENLARGED PLANT MECHANICAL DEMOLITION PLAN (see attached revised drawing)

1. ADD: Keynotes 12 and 13.
2. CLARIFY: Removal path for demolished chiller.
3. ADD: Description of exterior CMU repair where condenser water pipe penetrations are removed.

SHEET M100 – ENLARGED PLANT MECHANICAL PLAN (see attached revised drawing)

1. CLARIFY: Path for bringing new chiller into the chiller room.

PRIOR APPROVALS

<u>Section</u>	<u>Specified Material</u>	<u>Proposed Substitution</u>
Sheet M001	Sand Separator	Aqua Phoenix/GTP

END OF ADDENDUM #1

EXTERIOR WORK & GATE ACCESS NOTE:

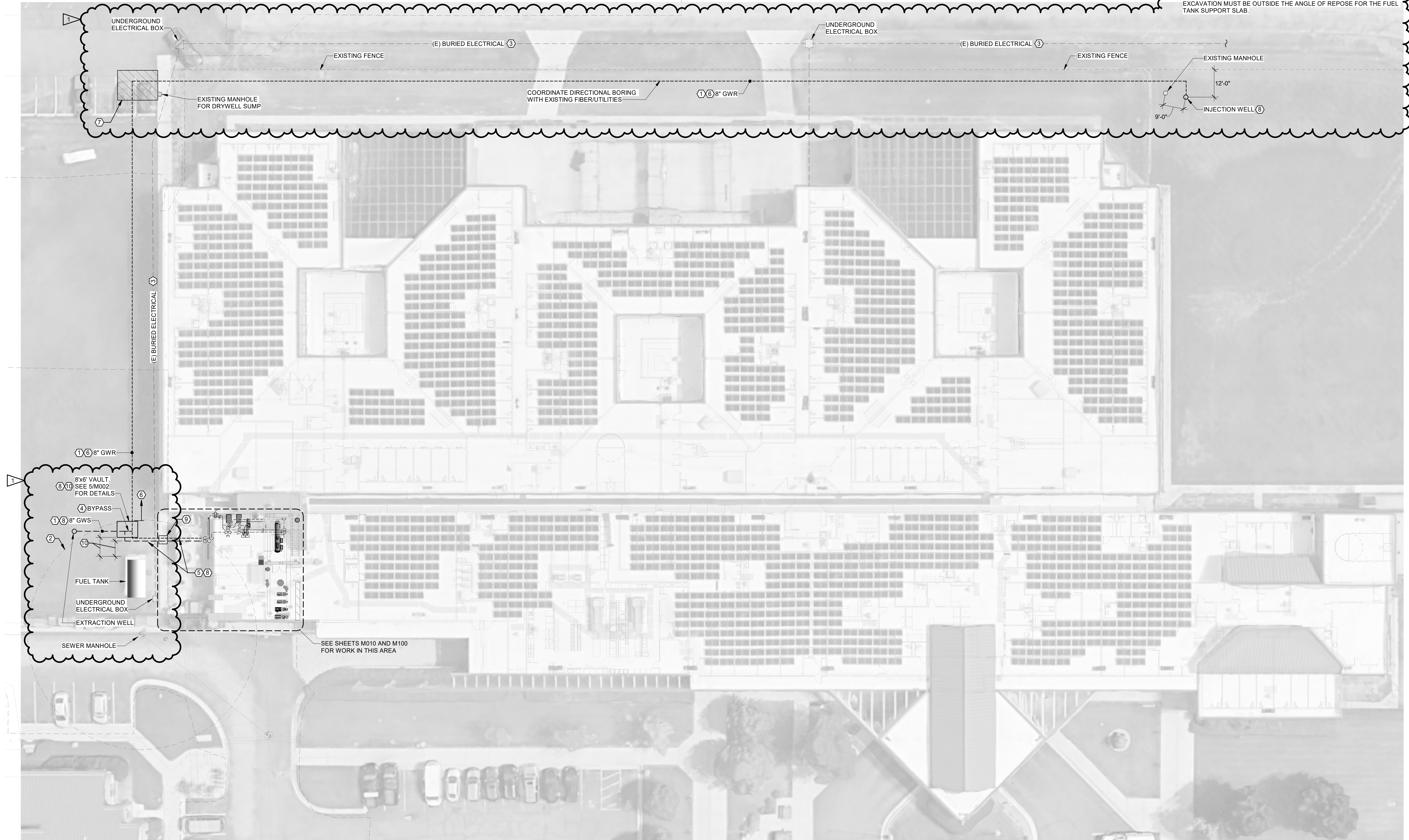
ALL WORK ON THE EXTERIOR AND ACCESS THROUGH GATES SHALL BE CLOSELY COORDINATED AND SCHEDULED WITH THE OWNER. ALL GATES TO BE CHECKED AND LOCKED AT END OF EACH WORK DAY AND WHEN WORK IN THAT PARTICULAR AREA IS COMPLETED FOR THE DAY.

PRESSURE TEST NOTE:

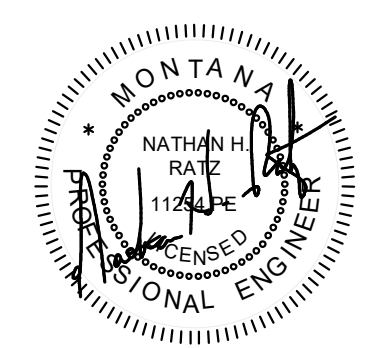
A. ENTIRE LENGTH OF BURIED GWS/R PIPING FROM THE SUPPLY WELL TO INJECTION WELL SHALL BE PRESSURE TESTED PRIOR TO CONNECTING TO THE SUPPLY WELL AND INJECTION WELL. SEE SPECIFICATIONS FOR PIPE TESTING PROCEDURE.

KEYNOTES

1. INSTALL GROUND WATER SUPPLY/RETURN PIPING WITH MINIMUM OF 6'-0" OF COVER.
2. MAINTAIN MINIMUM OF 50' OF SEPARATION BETWEEN EXTRACTION WELL AND SEWER MANHOLE.
3. APPROXIMATE LOCATION OF BURIED ELECTRICAL UTILITY IDENTIFIED BY PRIVATE LOCATE.
4. INSTALL GROUND WATER BYPASS FOR WELL DEVELOPMENT AND TESTING. SEE 4/M002 FOR GROUND WATER BYPASS DIAGRAM.
5. INSTALL PIPING FROM SUPPLY WELL TO BYPASS VALVE, AND FROM BYPASS VALVE TO BUILDING IN TRENCH. SEE 1/M002 FOR TRENCHING DETAIL.
6. INSTALL GWR PIPING FROM BYPASS VALVE TO INJECTION WELL BY DIRECTIONAL DRILLING.
7. EXCAVATE IN PARKING LOT AS REQUIRED FOR DIRECTIONAL DRILLING. COORDINATE INTENT TO EXCAVATE WITH OWNER PRIOR TO PERFORMING ANY EXCAVATION WORK IN PARKING LOT. CONTRACTOR SHALL REPLACE/REPAIR ASPHALT AND REPAINT AS REQUIRED. PRESSURE TEST OF GWR PIPING FROM VAULT TO INJECTION WELL SHALL BE COMPLETED PRIOR TO BACKFILL AND REPAVING.
8. AREAS OF WORK FOR WELL DEVELOPMENT, TRENCHING AND INSTALLATION OF BURIED PIPING, AND INSTALLATION OF VAULT SHALL BE LEVELED AND RESTORED TO SIMILAR GRADE AS BEFORE WORK STARTED. REPAIR/REPLACE ANY IRRIGATION PIPING AS REQUIRED. COVER WITH TOPSOIL AND SOD IN DISTURBED AREAS. COORDINATE WITH OWNER.
9. DEMOLISH SIDEWALK AS REQUIRED FOR INSTALLATION OF NEW BURIED PIPING. CONTRACTOR SHALL REPLACE/REPAIR SIDEWALK AS REQUIRED AND MATCH EXISTING SIDEWALK CONSTRUCTION.
10. CONTRACTOR SHALL COORDINATE FINAL VAULT LOCATION TO ENSURE ANY EXCAVATION REQUIRED FOR VAULT OR PIPING INSTALLATION DOES NOT UNDERMINE THE SUPPORT PAD FOR FUEL TANK. EXCAVATION MUST BE OUTSIDE THE ANGLE OF REPOSE FOR THE FUEL TANK SUPPORT SLAB.



MISSOULA COUNTY DETENTION FACILITY
COOLING SYSTEM UPGRADE

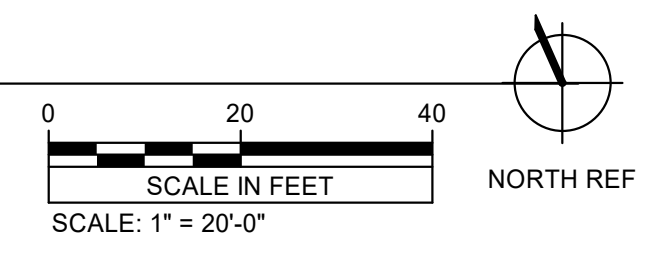


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CONSTRUCTION DOCUMENTS

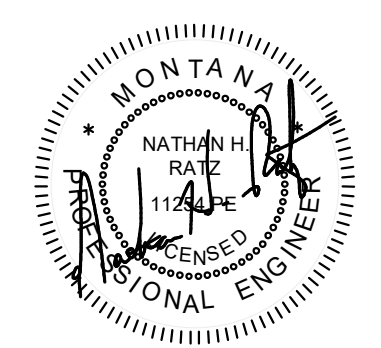
06.12.2026
PROJ# | MSLACO_DFCHL
DESIGNED BY | RATZ
DRAWN BY | HERBST
REVIEWED BY | RATZ
REVISIONS
1 00.00.00 REV1

1 MECHANICAL SITE PLAN
M003 1" = 20'-0"



MECHANICAL SITE PLAN

M003



GENERAL DEMOLITION NOTES

- A. THIS CONTRACTOR SHALL BE AWARE THAT THIS IS A REMODELING PROJECT AND AS SUCH, CERTAIN ITEMS AND SIZES CANNOT BE FULLY ILLUSTRATED NOR EXPLAINED WITHOUT FIELD OBSERVATION. THEREFORE, THIS CONTRACTOR IS ADVISED TO VISIT AND EXAMINE THE JOB SITE AND BUILDING IN EVERY DETAIL AS PERTAINS TO THIS PROJECT. IF CONTRACTOR DISCOVERS ITEMS THAT ALTER THE SCOPE OF WORK SHOWN IN THE CONSTRUCTION DOCUMENTS, FINDINGS ARE TO BE PRESENTED TO ENGINEER OF RECORD FOR REVIEW.
- B. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REMOVAL ITEMS.
- C. ALL REMOVED ITEMS, EXCEPT THOSE NOTED TO BE REUSED OR TO REMAIN THE PROPERTY OF THE OWNER, SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE JOB SITE. THE OWNER RESERVES THE RIGHT TO KEEP ANY REMOVED ITEMS EVEN THOUGH NOT NOTED ON DRAWINGS.
- D. WHERE EXISTING EQUIPMENT, DUCTS, ETC. ARE TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, BASES, HANGERS, ETC.
- E. THIS CONTRACTOR MUST MEET WITH THE OWNER OR HIS REPRESENTATIVE AND DISCUSS THE PROPOSED WORK SCHEDULE FOR REMOVAL, AND REMODELED WORK WITHIN CONTRACT DRAWINGS PRIOR TO PERFORMING ANY WORK. THE CONTRACTOR SHALL INFORM THE OWNER OR HIS REPRESENTATIVE, OF THE INTENT TO DO SO AT LEAST 48 HOURS BEFORE SUCH WORK BEGINS.
- F. THIS CONTRACTOR SHALL BE AWARE THAT CERTAIN AREAS OF REMOVAL AND REMODELED WORK MUST BE DONE AFTER NORMAL BUSINESS HOURS. REFER TO ARCHITECTURAL PHASING AND SCHEDULING DOCUMENTS FOR DETAILS.
- G. THIS CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED IN ACCORDANCE WITH DIVISION 1 "CUTTING AND PATCHING", OF SPECIFICATIONS.

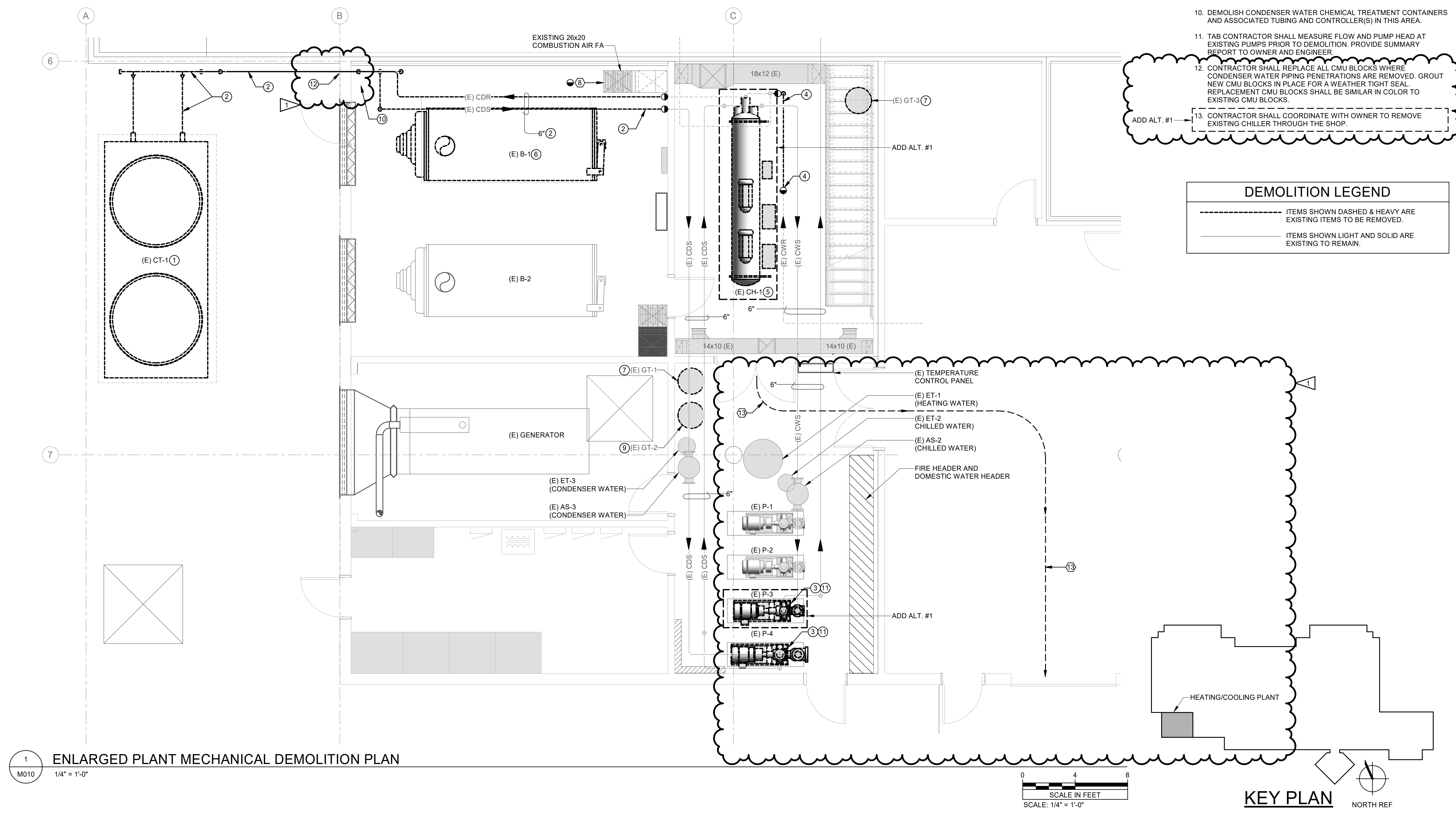
KEYNOTES

- 1. REMOVE EXISTING COOLING TOWER IN ITS ENTIRETY INCLUDING THE HOUSEKEEPING PAD. COORDINATE DEMOLITION WITH ELECTRICAL CONTRACTOR. COOLING TOWER SHALL REMAIN OPERATIONAL UNTIL THE END OF THE COOLING SEASON.
- 2. DEMOLISH CONDENSER WATER PIPING FROM COOLING TOWER TO LOCATION SHOWN. PROTECT AND PREPARE REMAINING CONDENSER WATER PIPING FOR NEW CONNECTION. SEE NEW WORK PLAN FOR NEW CONNECTION.
- 3. DISCONNECT PIPING FROM EXISTING PUMP AND REMOVE PUMP. COORDINATE PUMP REMOVAL WITH ELECTRICAL CONTRACTOR. PROTECT AND PREPARE REMAINING PIPING FOR NEW CONNECTION. SEE NEW WORK PLAN FOR NEW CONNECTION.
- 4. DEMOLISH CHILLED WATER PIPING AS SHOWN. PROTECT AND PREPARE REMAINING PIPING FOR NEW CONNECTION. SEE NEW WORK PLAN FOR NEW CONNECTIONS.
- 5. DISCONNECT ALL PIPING FROM CHILLER AND REMOVE CHILLER. COORDINATE DEMOLITION WITH ELECTRICAL CONTRACTOR. KNOCK DOWN CHILLER AS NEEDED FOR REMOVAL. PREPARE FOR INSTALLATION OF NEW CHILLER IN SIMILAR LOCATION.
- 6. REMOVE EXISTING BOILER IN ITS ENTIRETY. DEMOLISH NATURAL GAS PIPING BACK TO BRANCH TEE AT MAIN AND CAP. DEMOLISH FUEL OIL PIPING BACK TO TRENCH AND CAP. DEMOLISH STACK TO JUST BELOW ROOF PENETRATION AND CAP ABOVE AND BELOW ROOF. COORDINATE DEMOLITION WITH ELECTRICAL.
- 7. REMOVE EXISTING GLYCOL FEEDER TANK AND PREPARE FOR INSTALLATION OF NEW GLYCOL FEEDER TANK IN SIMILAR LOCATION.
- 8. REMOVE EXISTING INTAKE COWL RC-9 FROM CURB ON ROOF AND PROTECT/PREPARE CURB FOR INSTALLATION OF EXHAUST FAN EF-1. EXISTING DUCTWORK AND MOTORIZED DAMPER SHALL REMAIN. SEE NEW WORK PLAN FOR EXHAUST FAN INSTALLATION AND TEMPERATURE CONTROLS FOR EXHAUST FAN OPERATION.
- 9. REMOVE EXISTING GLYCOL FEEDER TANK. DEMOLISH PUMPED GLYCOL PIPING TO CONNECTION WITH SYSTEM AND CAP. REROUTE SAFETY RELIEF PIPING AND DISCHARGE PIPING FROM AIR SEPARATOR ON CONDENSER WATER SYSTEM TO FLOOR DRAIN NEXT TO GT-1. SEE NEW WORK PLAN AND FLOW DIAGRAM FOR MORE INFORMATION.
- 10. DEMOLISH CONDENSER WATER CHEMICAL TREATMENT CONTAINERS AND ASSOCIATED TUBING AND CONTROLLER(S) IN THIS AREA.
- 11. TAB CONTRACTOR SHALL MEASURE FLOW AND PUMP HEAD AT EXISTING PUMPS PRIOR TO DEMOLITION. PROVIDE SUMMARY REPORT TO OWNER AND ENGINEER.
- 12. CONTRACTOR SHALL REPLACE ALL CMU BLOCKS WHERE CONDENSER WATER PIPING PENETRATIONS ARE REMOVED. GROUT NEW CMU BLOCKS IN PLACE FOR A WEATHER TIGHT SEAL. REPLACEMENT CMU BLOCKS SHALL BE SIMILAR IN COLOR TO EXISTING CMU BLOCKS.
- 13. CONTRACTOR SHALL COORDINATE WITH OWNER TO REMOVE EXISTING CHILLER THROUGH THE SHOP.

ASBESTOS NOTE:
IT IS NOT EXPECTED THAT ANY ASBESTOS CONTAINING MATERIAL IS WITHIN ANY COMPONENTS REQUIRING DEMOLITION. THE OWNER IS IN PROCESS OF HAVING ACM TESTING COMPLETED. THE ACM TESTING REPORT WILL BE PROVIDED TO THE CONTRACTOR WHEN COMPLETED. IF ACM IS FOUND, THE OWNER WILL HAVE ACM REMEDIATION COMPLETED PRIOR TO THE CONTRACTOR BEGINNING WORK.

NOTE:
NO MODIFICATIONS TO THE HEATING WATER SYSTEM IN THIS CONTRACT. HEATING WATER PIPING NOT SHOWN FOR CLARITY.

DEMOLITION LEGEND
--- ITEMS SHOWN DASHED & HEAVY ARE EXISTING ITEMS TO BE REMOVED.
— ITEMS SHOWN LIGHT AND SOLID ARE EXISTING TO REMAIN.



1 ENLARGED PLANT MECHANICAL DEMOLITION PLAN
M010 1/4" = 1'-0"

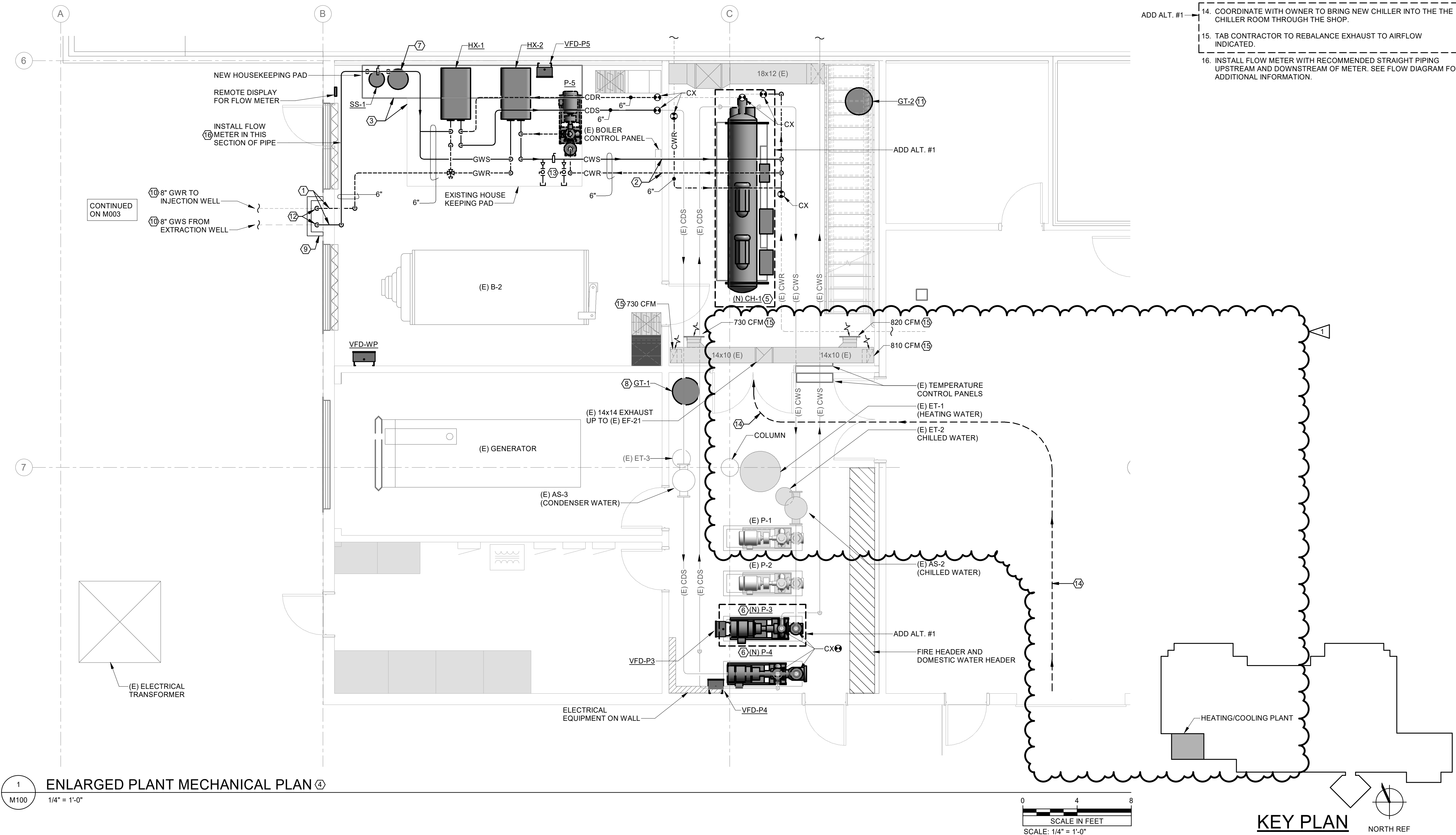
GENERAL NOTES

- A. DO NOT RUN ANY DUCTWORK OR PIPING OVER ELECTRICAL PANELS FROM PANEL TO STRUCTURE ABOVE AND FROM ACCESS SPACE TO 80" ABOVE FLOOR.
- B. THERMOSTAT LOCATIONS SHALL BE REVIEWED WITH ARCHITECTURAL FIELD REPRESENTATIVE PRIOR TO INSTALLATION. INSTALL THERMOSTAT 48" ABOVE FINISHED FLOOR AS REQUIRED FOR PROPER EQUIPMENT INSTALLATION.
- C. COORDINATE ROUTING OF PIPING AND DUCTWORK WITH ALL TRADES PRIOR TO INSTALLATION.
- D. NO DUCTWORK SHALL BE FABRICATED PRIOR TO FIELD VERIFICATION OF DUCT SIZES AND ROUTING BY MECHANICAL CONTRACTOR.

KEYNOTES

- 1. CORE DRILL THROUGH EXTERIOR WALL APPROXIMATELY 8'-0" AFF. DO NOT SEAL PENETRATIONS.
- 2. CORE DRILL THROUGH CMU WALL.
- 3. EXTEND HOUSE KEEPING PAD TO SUPPORT EQUIPMENT AS SHOWN. MATCH HEIGHT OF EXISTING HOUSE KEEPING PAD.
- 4. PIPING CONFIGURATION AND COMPONENTS SHOWN IN FLOW DIAGRAM SHALL TAKE PRECEDENCE OVER PLAN.
- 5. INSTALL NEW CHILLER ON EXISTING HOUSE KEEPING PAD. RECONFIGURE AS REQUIRED AND CONNECT EXISTING CHILLED WATER AND CONDENSER WATER TO NEW CHILLER. PROVIDE CHILLER KNOCKED DOWN AS REQUIRED TO PASS THROUGH EXISTING DOOR OPENINGS. CONTRACTOR SHALL FIELD VERIFY DOOR DIMENSIONS.
- 6. INSTALL NEW PUMP ON EXISTING HOUSE KEEPING PAD. RECONFIGURE PIPING AS REQUIRED TO CONNECT TO NEW PUMP. SEE 2/M400 FOR BASE MOUNTED PUMP DETAIL.
- 7. SEDIMENT COLLECTION TANK, SEE FLOW DIAGRAM FOR BASIS OF DESIGN.
- 8. INSTALL NEW HEATING WATER GLYCOL FEEDER TANK. CONNECT TO EXISTING HEATING WATER PIPING. PROVIDE CONNECTIONS FOR RELIEF VALVE DRAINS INTO BASIN AS REQUIRED.
- 9. INSULATED PIPE ENCLOSURE. SEE 3/M002 FOR BUILDING PIPE PENETRATION DETAIL.
- 10. EXTERIOR UNDERGROUND PIPING SHALL BE INSTALLED AFTER THE COOLING TOWER IS REMOVED.
- 11. PROVIDE NEW CHILLED WATER GLYCOL FEEDER TANK. RE-CONNECT TO EXISTING CHILLED WATER PIPING. PROVIDE CONNECTIONS FOR RELIEF VALVE DRAIN INTO BASIN AS REQUIRED.
- 12. ROUTE 8" POLYPROPYLENE GWS/GWR UP ON EXTERIOR OF WALL. TRANSITION TO 6" COPPER APPROXIMATELY 2'-6" ABOVE FINISHED GRADE.
- 13. SYSTEM INITIAL FILL LOCATION. PIPE TWO 1-1/2" BALL VALVES WITH HOSE END CONNECTIONS ACROSS 6" BUTTERFLY VALVE.
- 14. COORDINATE WITH OWNER TO BRING NEW CHILLER INTO THE CHILLER ROOM THROUGH THE SHOP.
- 15. TAB CONTRACTOR TO REBALANCE EXHAUST TO AIRFLOW INDICATED.
- 16. INSTALL FLOW METER WITH RECOMMENDED STRAIGHT PIPING UPSTREAM AND DOWNSTREAM OF METER. SEE FLOW DIAGRAM FOR ADDITIONAL INFORMATION.

NOTE:
NO MODIFICATIONS TO THE HEATING WATER SYSTEM IN THIS CONTRACT. HEATING WATER PIPING NOT SHOWN FOR CLARITY.

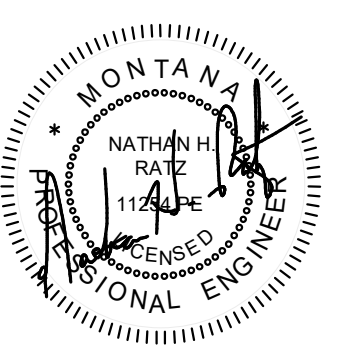


1 ENLARGED PLANT MECHANICAL PLAN 4
M100 1/4" = 1'-0"

0 4 8
SCALE IN FEET
SCALE: 1/4" = 1'-0"

KEY PLAN NORTH REF

MISSOULA COUNTY DETENTION FACILITY
COOLING SYSTEM UPGRADE



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CONSTRUCTION DOCUMENTS

06.12.2026
PROJ# | MSLACO_DFCHL
DESIGNED BY | RATZ
DRAWN BY | HERBST
REVIEWED BY | RATZ
REVISIONS
1 00.00.00 REV1

ENLARGED PLANT MECHANICAL PLAN

M100