



ADDENDUM NO. 2
POTTAWATTAMIE COUNTY, IOWA
COURTHOUSE – Chiller Improvements
Council Bluffs, Iowa

HGM PROJECT # 107419D

DATE OF ISSUE: October 29, 2019

DATE OF BID OPENING: Thursday, November 7, 2019 @ 3:00 p.m.
(Date and time changed by Addendum #2)

NOTE TO PLANHOLDERS: Please insert this addendum into your copy of the Project Contract Documents. The following additions or changes to the Contract Documents for the above-named project are issued by the Architect and have the same force and effect as though part of the original issued.

CHANGES TO PROJECT MANUAL

NOTICE TO BIDDERS

Refer to NTB-1, line 5: Change the bid date and time to **Thursday, November 7, 2019, @ 3:00 p.m.**

MECHANICAL ITEMS:

PRIOR APPROVAL – MECHANICAL

The following manufacturers have received prior approval for bidding purposes subject to shop drawing review:

Pumps	Wilo
Expansion Tanks	American Wheatley, Grundfos, Armstrong
Chemical Feed Tanks	JL Wingert
Suction Diffusers	American Wheatley, Grundfos, Armstrong
Flex Connectors	American Wheatley
Butterfly Valves	American Wheatley
Check/Combination Valves	American Wheatley
Strainers	American Wheatley
Air Separator	American Wheatley, Grundfos, Armstrong
Variable Frequency Drives/Controllers	Siemens, ABB, Yaskawa
Steam Humidifiers	Dristream

SPECIFICATIONS – MECHANICAL:

SECTION 23 21 14 – HYDRONIC SPECIALTIES

Refer to 23 21 14-2, lines 31 & 32: Air separator type shall be revised to the following: “Unit shall be coalescing or centrifugal type rated for air and dirt removal with removable bottom flange for cleaning.”

DRAWINGS – MECHANICAL:

SHEET M1.6 – ROOF MECHANICAL PLAN

Revised chiller locations and pipe routing. Refer to sketches M1 & M2.

SHEET M6.1 – MECHANICAL SCHEDULES

Add note 9 to Air-Cooled Chiller Schedule stating the following: “Chiller minimum EER and IPLV efficiency shall be 10% improved over code minimum (9.562 EER/12.750 IPLV) at AHRI 550/590 conditions.”

ELECTRICAL ITEMS:

CHANGES TO ELECTRICAL DRAWINGS:

SHEET E2.6 – ELECTRICAL ROOF PLAN

Coordinate electrical connections with new chiller locations.

If a substitute material, product or manufacturer has been requested to be allowed, it will appear in an addendum only if approved. If not in the addenda, the alternate method, product or manufacturer is not approved.

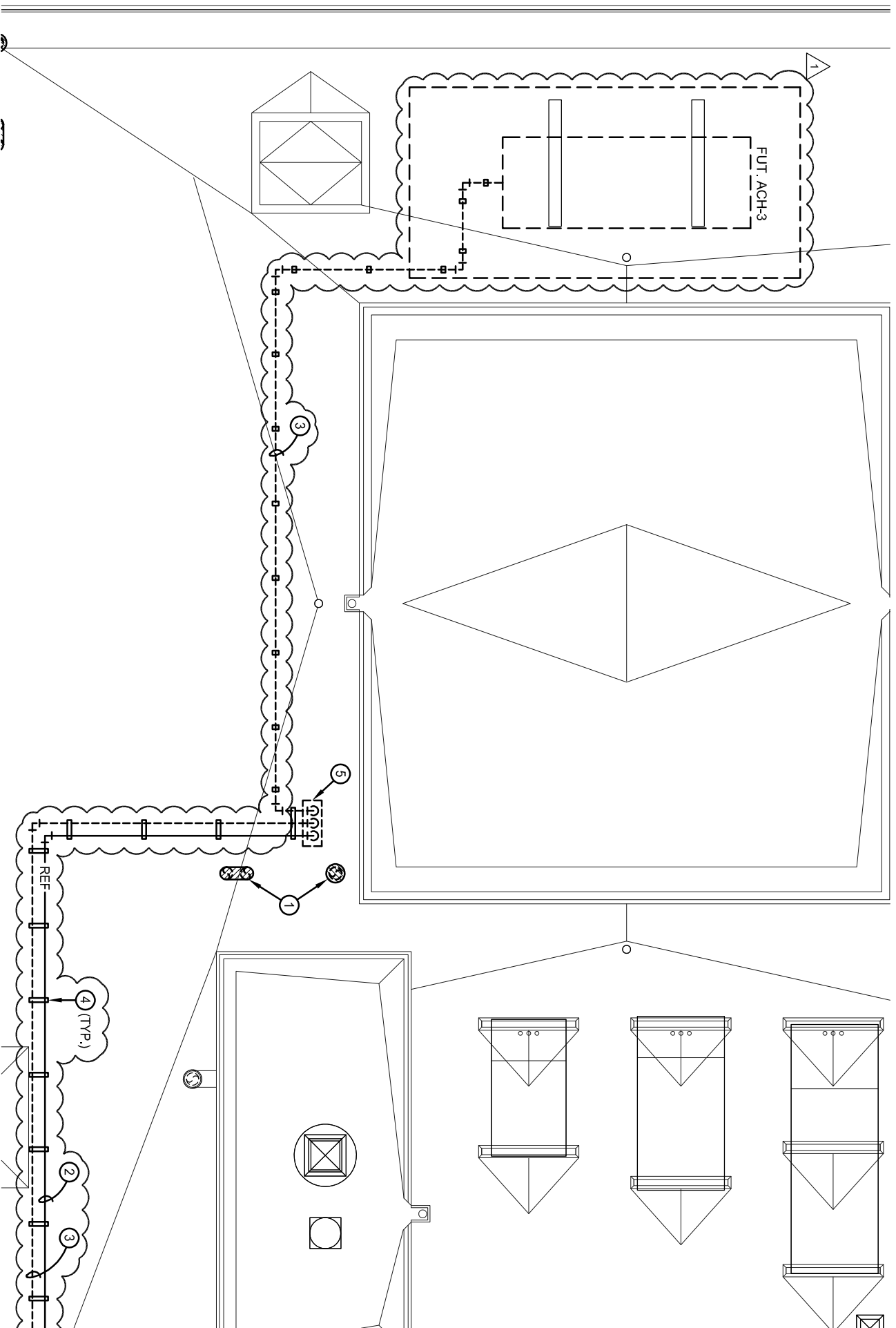
All other stipulations and requirements of the plans and specifications remain in effect. This addendum shall be attached to and made part of the Contract Documents and shall be acknowledged with the bidders proposal.

Respectfully Submitted:
HGM ASSOCIATES INC.



Kimberly A. Bogatz, AIA LEED AP BD+C
Project Manager

Attachments: No. 1 & No. 2



POTTAWATTAMIE COUNTY COURTHOUSE:

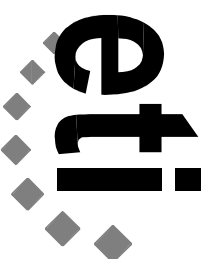
CHILLER PLANT PACKAGE

ROOF MECHANICAL PLAN



SCALE: 3/32" = 1'-0"

WWW



Engineering Technologies Inc.

Mechanical & Electrical Building Solutions

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ETI Project No: (2019-155)

ADD #2

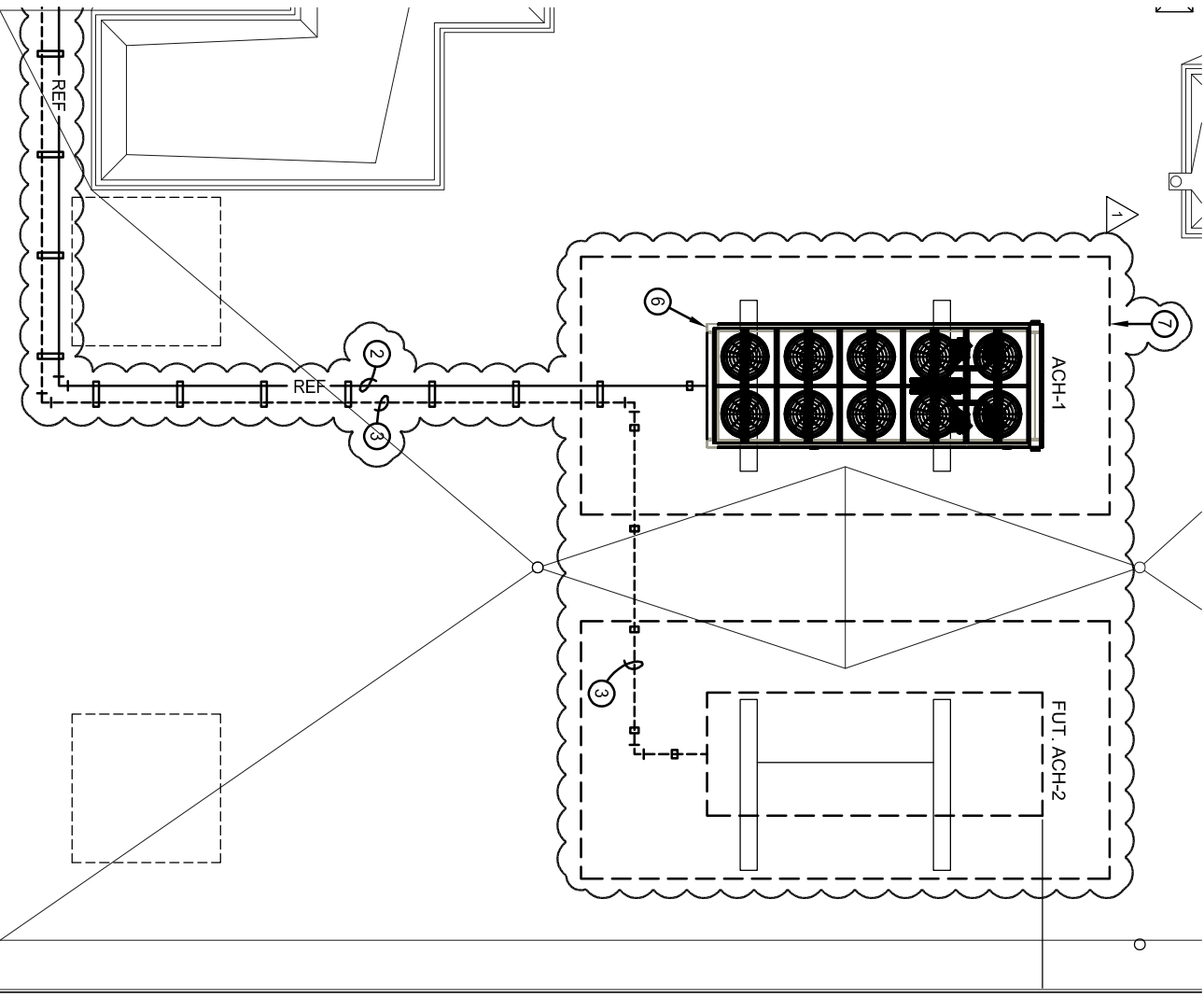
SHEET

M1.6

ATTACHMENT NO.

M1

10/29/2019



SHEET NOTES

1. REMOVE BOILER EXHAUST AND INTAKE FLUES AS SHOWN BY HATCH. COORDINATE ROOF PATCH AND REPAIR WITH GENERAL CONTRACTOR.
2. NEW LIQUID AND SUCTION LINES FOR AIR-COOLED CHILLER ACH-1.
3. FUTURE ROUTING FOR REFRIGERANT LIQUID AND SUCTION LINES FOR FUTURE CHILLERS ACH-2 AND ACH-3.
4. NOT USED.
5. PROVIDE ROOF CURB PER DETAIL 4/M5.1.
6. MOUNT AIR-COOLED CHILLER ACH-1 ON EQUIPMENT RAILS.
7. MINIMUM MANUFACTURER CLEARANCES SHALL BE MAINTAINED.

POTTAWATTAMIE COUNTY COURTHOUSE:

CHILLER PLANT PACKAGE

ROOF MECHANICAL PLAN

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