NOTIFICATION OF POTENTIAL HAZARD

ASBESTOS CONTAINING MATERIAL (ACM) IS PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. THE CONTRACTOR SHALL REQUIRE THEIR PERSONNEL AND ALL SUBCONTRACTOR PERSONNEL TO COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO DIVISION 01 AND 02 SPECIFICATIONS FOR SPECIFIC INFORMATION CONCERNING REMOVING AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS AND COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

> EXTERIOR WELL PUMP VSD -

3" CWS/R(E) UP-

4" HWS/R(E) UP

3" GHS/R UP-

STRUCTURAL FRAME (ABOVE) -

3" HGS/R UP

BOILER ROOM

100U1A

/BLR\

SA 700 (TYP 2)

PANEL(E)-

BAS

ENLARGED PLAN - LOWER

M2.1 \int SCALE: 1/4" = 1'-0"

WORKSTATION -

-VSD(E), TYP

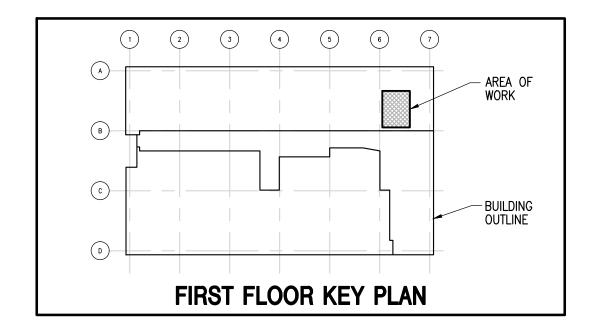
H-----H

1" CW MAKE-UP-

-4"HWR UP -WATER MAIN AND FIRE PROTECTION

4" HWS(E) UP \

EXISTING FLOW METER INDICATOR —



- GAS SERVICE 3

- 4" HWS(E) UP

-4" CWS(E) UP,

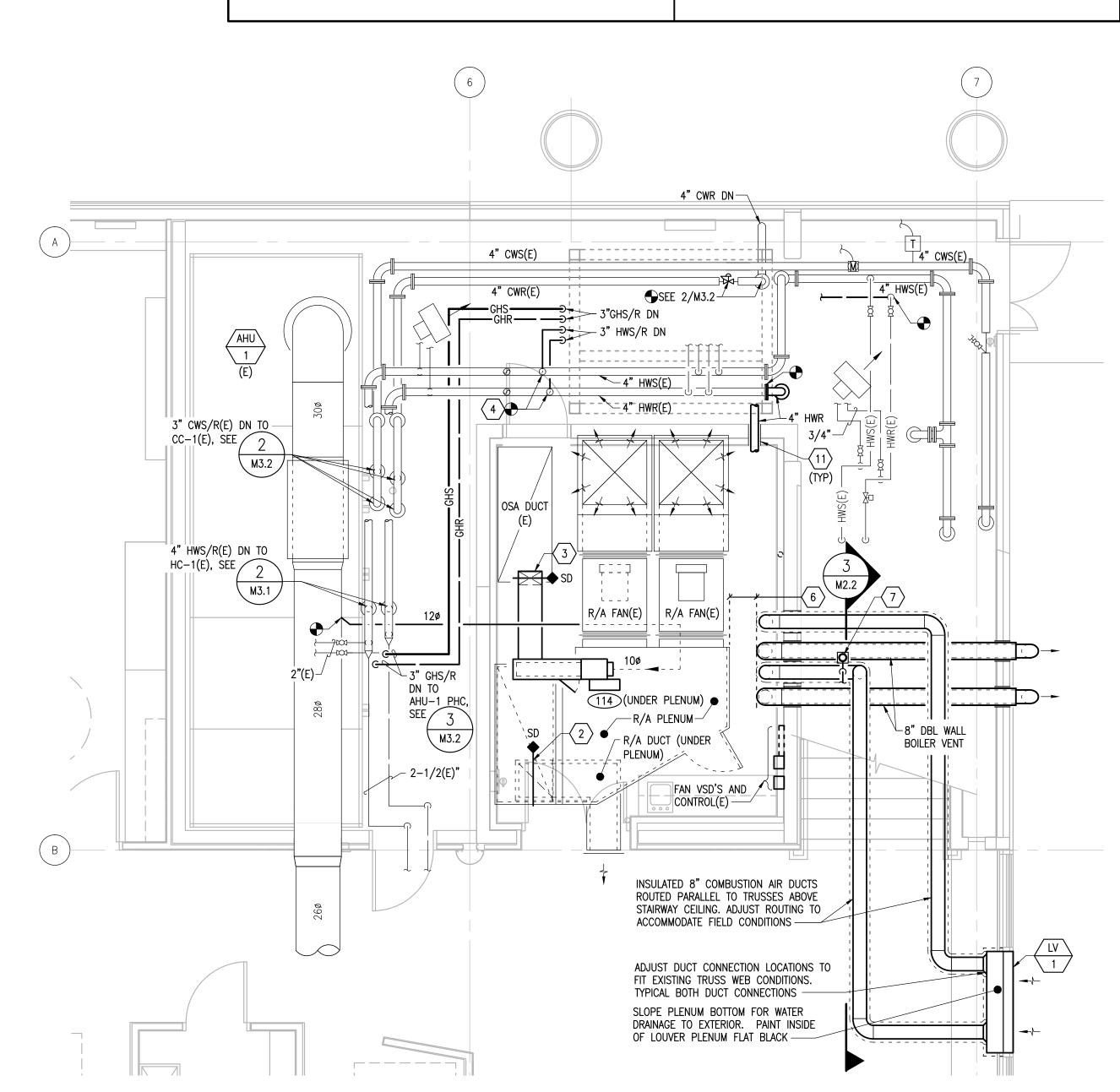
SEE 2/M3.2

M3.1

SHEET NOTES

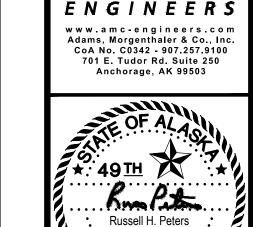
- NEW FLOOR DRAIN/SINK. SEE 1/M1.1 FOR NEARBY UNDERGROUND WASTE PIPE. ROUTE NEW VENTING TO MAINTAIN MAINTENANCE ACCESS WALKWAYS AND EQUIPMENT CLEARANCES. SEE SHEET NOTE 10 ALSO.
- $\langle 2 \rangle$ PROVIDE 20X20 SMOKE DAMPER.
- \langle 3 \rangle UTILIZE 14X8(E) PENETRATION. PROVIDE SMOKE DAMPER AT CEILING PENETRATION.
- $\langle 4 \rangle$ 3" HWS/HWR DN TO HX-1. SEE 3/M3.2.
- ADJUST 6" HIGH BOILER HOUSEKEEPING PAD SIZE AND LOCATION TO ENSURE BOILER VENT OUTLET CONDENSATE ASSEMBLY IS NOT OVER PAD. PLUMB BOILER VENT CONNECTION CONDENSATE DRAIN DIRECTLY TO MFR'S CONDENSATE TRAP. PLUMB CONDENSATE TRAP TO CONDENSATE NEUTRALIZER, THEN TO FLOOR DRAIN. SEE DETAIL 6/M3.2. TYPICAL BOTH BOILERS.
- COORDINATE LOCATION OF BOILER VENTS AND OUTSIDE AIR DUCTING ALONG WALL TO MAXIMIZE MAINTENANCE WALKWAY BETWEEN VENTS AND EXISTING EQUIPMENT.
- 7 ADJUST BOILER VENTING AND OUTSIDE AIR DOOF NO EXISTING REST ROOM FLOOR DRAIN WASTE PIPING. ADJUST BOILER VENTING AND OUTSIDE AIR DUCT ROUTING TO ACCOMMODATE
- \langle 8 angle KEEP AREA CLEAR FOR NEW LADDER TO CATWALK ABOVE. SEE ARCHITECTURAL.

- RELOCATED HEATING SYSTEM FLOW METER TRANSDUCER. RECONNECT TO EXISTING CONTROLLER/INDICATOR. SEE M3.1.
- 3/4" CW DN TO AUTOMATIC ELECTRONIC TRAP PRIMER PANEL. PROVIDE 1/2" TRAP PRIMING PIPING TO THREE NEW FLOOR DRAINS SEE 22 1100 DOMESTIC WATER PRIMING PIPING TO THREE NEW FLOOR DRAINS. SEE 22 1100 DOMESTIC WATER
- PIPING AND SPECIALTIES. (11) CAULK ALL BOILER ROOM CEILING AND WALL PENETRATIONS SMOKE TIGHT.
- 12. REFER TO HEATING WATER SYSTEM DIAGRAM, 2/M3.1.
- 13. REFER TO SECTION 20 0529 'MECHANICAL HANGERS AND SUPPORTS' FOR EQUIPMENT SECUREMENT REQUIREMENTS.
- 14. THIS FACILITY IS PROTECTED BY AN EXISTING WET PIPE FIRE SPRINKLER SYSTEM. MODIFY THE EXISTING SYSTEM SERVING AREAS AFFECTED BY THIS PROJECT AS REQUIRED TO PROVIDE FULL COVERAGE AND TO COMPLY WITH APPLICABLE CODES AND STANDARDS, AND THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ).
- THE HYDRONIC HEATING SYSTEM FOR THIS FACILITY IS BEING CONVERTED FROM A 50% PROPYLENE GLYCOL SOLUTION TO CHEMICALLY TREATED WATER, AND A SECONDARY GLYCOL HEATING SYSTEM WILL BE ADDED. REFER TO SPECIFICATION SECTION 23 2113 HYDRONIC PIPING AND SPECIALTIES SYSTEM FLUSHING, CLEANING, FILLING, AND TREATMENT REQUIREMENTS.





2 ENLARGED PLAN — UPPER
M2.1 SCALE: 1/4" = 1'-0"



03/06/2017

ME-10982

TOPESSIONAL 164

UNIVERSITY of ALASKA ANCHORAGE

> CHANICAL S EM-2 MEC NSB

Revisions No. Date Description Design: ERP/MPL

16-0103 UAA Project No.: 02/17/2017

Sheet Title

ENLARGED PLANS

Sheet Number

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M2.1