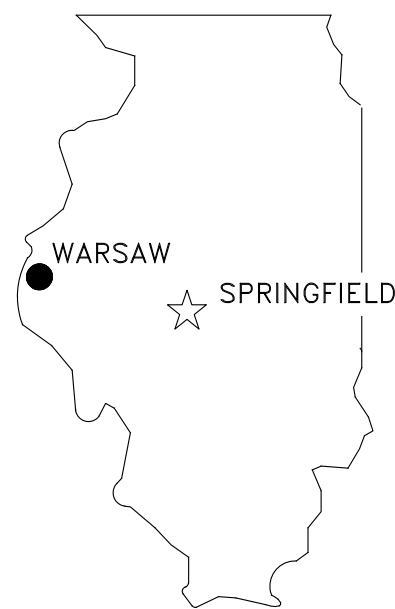
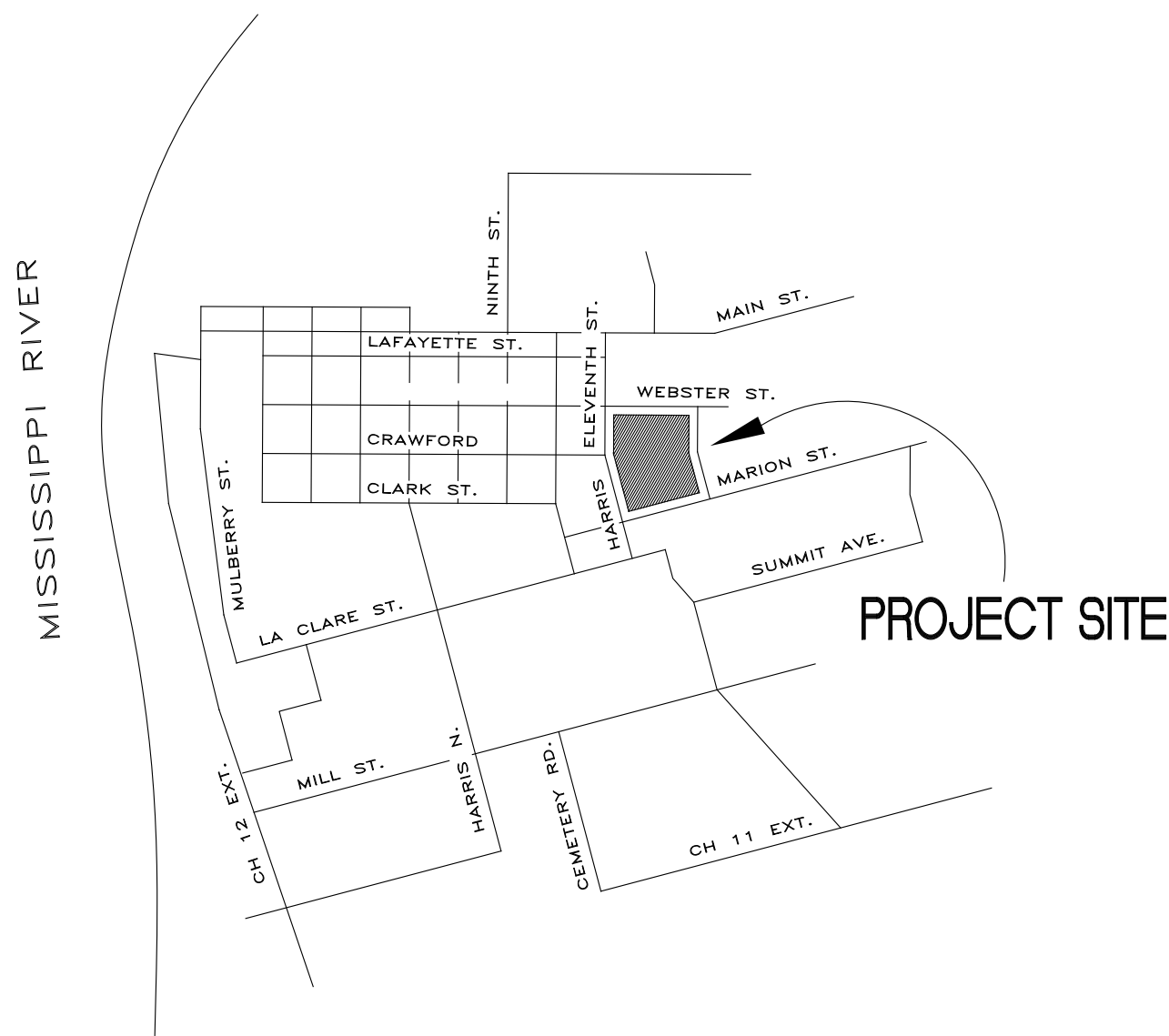


BOILER REPLACEMENT AT:
COMMUNITY UNIT SCHOOL DISTRICT NO. 316

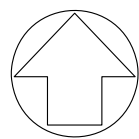
WARSAW, HANCOCK COUNTY, ILLINOIS



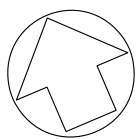
STATE OF ILLINOIS



CITY OF WARSAW
NO SCALE



PROJECT
NORTH



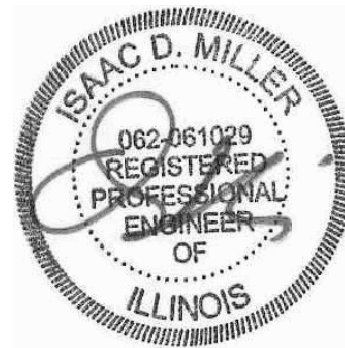
TRUE
NORTH

G001	COVER SHEET
M101	ENLARGED BOILER ROOM PLAN

GENERAL NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS.
- ANY DISCREPANCIES BETWEEN STATED AND EXISTING CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT.
- DISCREPANCIES OR CONFLICTS BETWEEN SPECIFICATIONS AND DRAWINGS SHALL BE MADE KNOWN TO THE ARCHITECT FOR CLARIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THOSE AREAS TO REMAIN UNDISTURBED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS, AS PER THE WRITTEN SPECIFICATIONS, TO MAINTAIN SAFETY AT THE CONSTRUCTION SITE, AND HE IS SOLELY RESPONSIBLE FOR SAFETY MEASURES. THE CONTRACTOR IS ALSO SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, AND TECHNIQUES REGARDING EXECUTION OF THE WORK.
- THE CONTRACTOR SHALL CONFORM TO ALL LOCAL AND STATE CODES AND RECEIVE LOCAL AND STATE APPROVAL WHERE NECESSARY PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS AND PAY ALL LEGAL FEES. HE SHALL ALSO COMPLY WITH ALL CITY, COUNTY, AND STATE BUILDING LAWS, ORDINANCES, OR REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DAMAGE OR LOSS OF ANY REFERENCE POINTS, MONUMENTS, HUBS AND STAKED LOT CORNERS DURING THE CONSTRUCTION OF HIS WORK, AND SHALL BEAR THE COST OF REPLACING SAME.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE PREMISES OR ADJACENT PREMISES, OR INJURIES TO THE PUBLIC DURING THE CONSTRUCTION OF THE WORK, CAUSED BY HIMSELF, HIS SUBCONTRACTOR, OR THE CARELESSNESS OF ANY OF HIS EMPLOYEES.
- THE CONTRACTOR MUST UNDERSTAND THAT THE WORK IS ENTIRELY AT HIS RISK UNTIL SAME IS ACCEPTED, AND HE WILL BE HELD RESPONSIBLE FOR ITS SAFETY.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TEMPORARY WORKS FOR THE PROTECTION OF THE WORK, INCLUDING BARRICADES, WARNING SIGNS, LIGHTS, ETC.
- THE CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH ONE SET OF PRINTS MARKED WITH ANY CHANGES FROM ORIGINAL CONTRACT DOCUMENTS.

CURRENT DATE: 8/9/2019



LICENSE EXPIRES: 11/30/19

HEALTH LIFE SAFETY WORK:
BOILER REPLACEMENT AT:
WARSAW CUSD 316
WARSAW, ILLINOIS

CONSTRUCTION
DOCUMENT
PHASE

ISSUED FOR
CONSTRUCTION

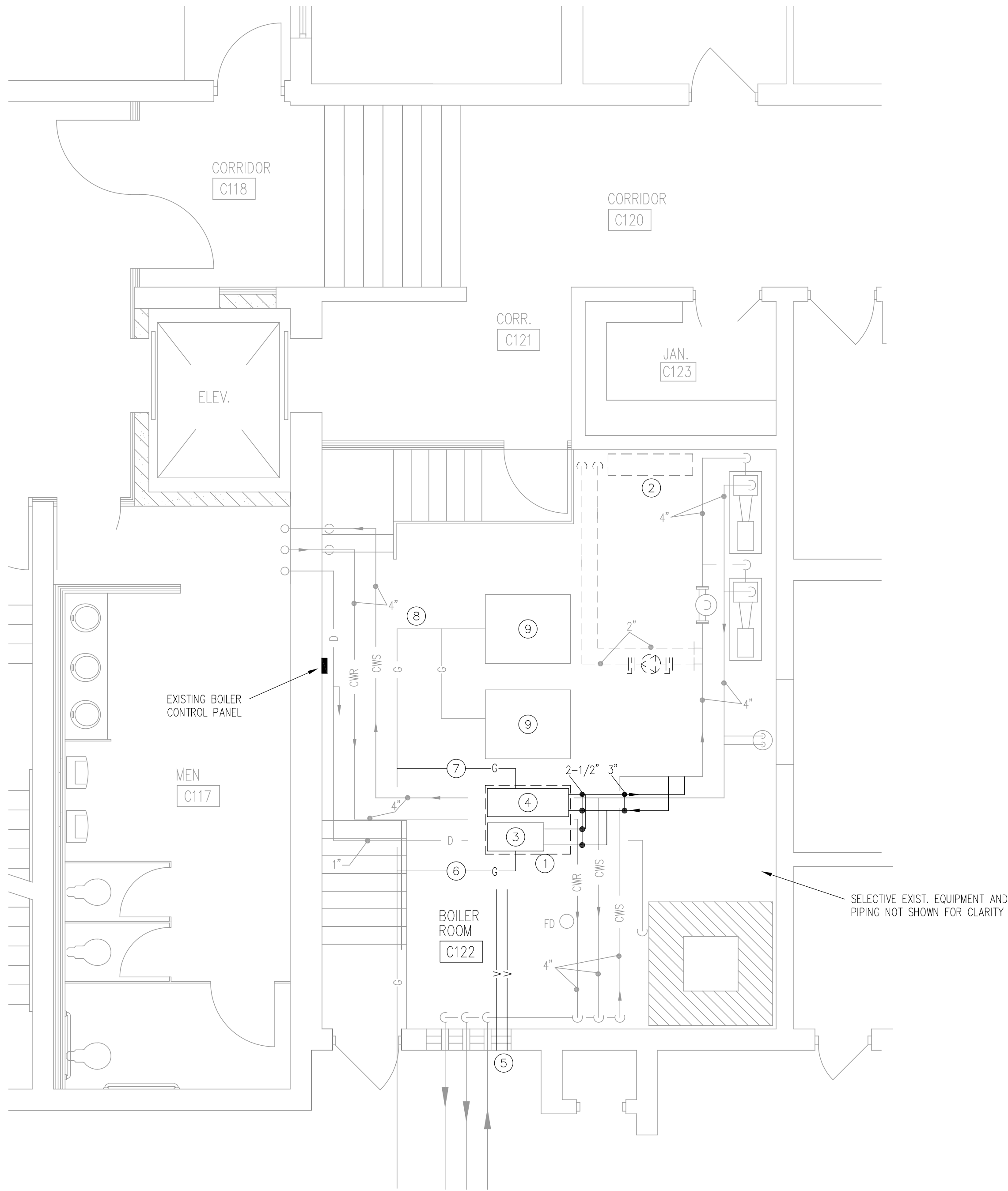
ISSUE DATE: 8/9/2019

REVISIONS	

PROJECT NUMBER: 5850

COVER
SHEET

DWG. NO.
G001



ENLARGED BOILER ROOM PLAN

SCALE: 1/4" = 1'-0"



ANY CHANGES MADE TO THE WORK RELATED TO THESE DRAWINGS, SHALL BE PRE-APPROVED BY THE A/E, IN WRITING. ANY UNAUTHORIZED CHANGES SHALL RELIEVE THE A/E FROM LIABILITIES RESULTING FROM SAID CHANGES.

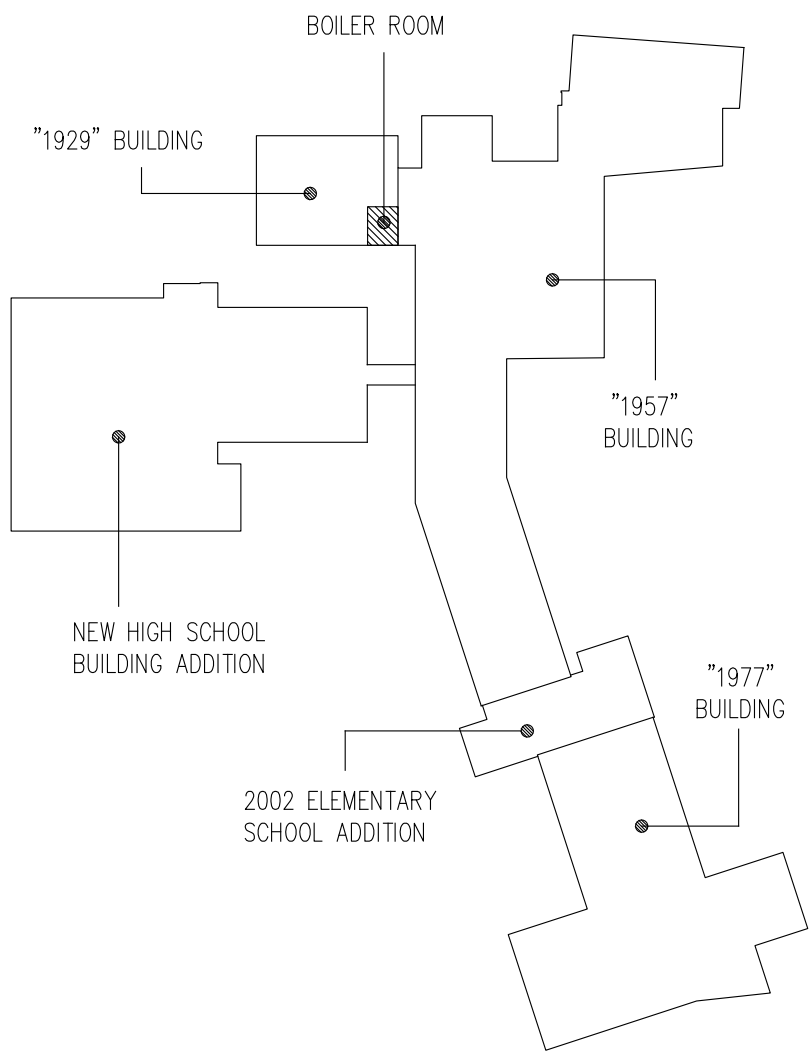
ANY CHANGES THAT ARE DULY AUTHORIZED BY THE A/E TO THESE DRAWINGS SHALL BE IN WRITTEN FORM, SUCH AS CLARIFICATIONS, ADDENDA, AND/OR CONTRACT CHANGE ORDERS. FIELD DIRECTIVES SHALL NOT BECOME AUTHORIZED UNTIL APPROVAL IS OBTAINED FROM THE A/E IN WRITING, AND DOCUMENTED SUCH.

CHANGES OR IMPROVEMENTS MAY BE REQUIRED BY THE A/E. THE A/E RESERVES THE RIGHT TO MAKE SUCH CHANGES OR IMPROVEMENTS AS NECESSITATED BY THE PROJECT FOR COMPLETE COMPLIANCE WITH THE INTENT OF THE DESIGN, AND/OR COMPLETE COMPLIANCE WITH STATE, LOCAL, FEDERAL CODES, AND REGULATIONS.

NOTE:
SUPPLY NEW BOILERS WITH:
CONDENSATE NEUTRALIZATION KIT
CONCENTRIC VENT KIT
HIGH GAS PRESSURE SWITCH
LOW GAS PRESSURE SWITCH
LOW WATER CUT OFF
FLOW SWITCH
HEADER SENSOR
SAFETY RELIEF VALVE
INSTALL ISOLATION VALVES
UNIT SHALL BE DESIGNED FRO VARIABLE PRIMARY PIPING

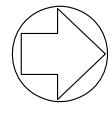
MECHANICAL NOTES

- 1 COMPLETELY REMOVE EXISTING BOILER INCLUDING WIRING, CONTROLS, PIPING BACK TO NEARBY HEADERS/MAINS, AND VENT PIPING BACK TO MASONRY FLUE. CAP ALL PIPING AS REQUIRED.
- 2 COMPLETELY REMOVE HEAT EXCHANGER INCLUDING PUMP AND WIRING, CONTROLS, AND PIPING BACK TO NEARBY HEADERS/MAINS AND CAP AS REQUIRED.
- 3 INSTALL NEW KNIGHT OR EQUAL FTX500N BOILER ON EXISTING HOUSEKEEPING PAD. EXTEND SUPPLY AND RETURN PIPING AND COMBINE AND EXTEND TO EXISTING HEADER PIPING. EXTEND POWER FROM NEARBY AVAILABLE CIRCUIT AND CONNECT TO EXISTING BOILER CONTROL PANEL. NEW BOILERS SHALL OPERATE AS ONE HOT WATER SYSTEM ON CALL FOR HEAT FROM EXISTING BOILER CONTROLLER. EXTEND DRAIN TO CONDENSATE NEUTRALIZATION KIT AND DISCHARGE INDIRECTLY INTO NEARBY FLOOR DRAIN.
- 4 INSTALL NEW KNIGHT OR EQUAL FTX850N BOILER ON EXISTING HOUSEKEEPING PAD. EXTEND SUPPLY AND RETURN PIPING AND COMBINE AND EXTEND TO EXISTING HEADER PIPING. EXTEND POWER FROM NEARBY AVAILABLE CIRCUIT AND CONNECT TO EXISTING BOILER CONTROL PANEL. NEW BOILERS SHALL OPERATE AS ONE HOT WATER SYSTEM ON CALL FOR HEAT FROM EXISTING BOILER CONTROLLER. EXTEND DRAIN TO CONDENSATE NEUTRALIZATION KIT AND DISCHARGE INDIRECTLY INTO NEARBY FLOOR DRAIN.
- 5 REMOVE EXISTING WINDOW AND INFILL WITH MAPES PANEL OR PLYWOOD AND EIFS AND EXTEND VENT PIPING OVER AND OUT AND TERMINATE WITH CONCENTRIC VENT KIT.
- 6 EXTEND 1-1/4" GAS PIPING FROM EXISTING GAS MAIN (VERIFY PRESSURE) AND INSTALL REGULATOR (500 MBH, 2LB TO 7" WC) AND EXTEND 1-1/4" PIPING WITH DIRT LEG TO SERVE NEW BOILER.
- 7 EXTEND 1-1/2" GAS PIPING FROM EXISTING GAS MAIN (VERIFY PRESSURE) AND INSTALL REGULATOR (850 MBH, 2LB TO 7" WC) AND EXTEND 1-1/2" PIPING WITH DIRT LEG TO SERVE NEW BOILER.
- 8 REPLACE EXISTING 4" GAS VALVE
- 9 EXISTING STEAM BOILER TO REMAIN



KEY PLAN

NOT TO SCALE

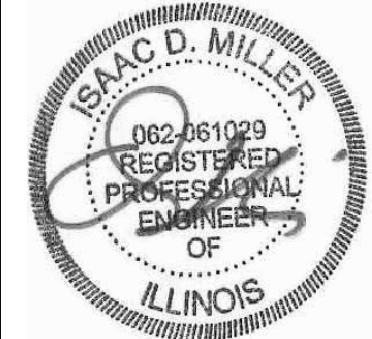


NORTH



TRUE NORTH

CURRENT DATE: 8/9/2019



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HEALTH LIFE SAFETY WORK:
BOILER REPLACEMENT AT:
WARSAW CUSD 316
WARSAW, ILLINOIS

CONSTRUCTION
DOCUMENT
PHASE

ISSUED FOR
CONSTRUCTION

ISSUE DATE: 8/9/2019

REVISIONS	

PROJECT NUMBER: 5850

ENLARGED
BOILER ROOM
PLAN

DWG. NO.

M101