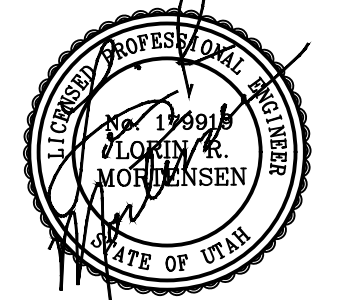


REFERENCE NOTES

- 1 HEATING WATER PIPING UP TO MEZZANINE. SEE MEZZANINE FAN ROOM MECHANICAL PLAN THIS SHEET FOR CONTINUATION.
- 2 HEATING WATER PIPING UP TO MEZZANINE. SEE MEZZANINE FAN ROOM MECHANICAL PLAN THIS SHEET FOR CONTINUATION.
- 3 NEW 6" PVC BOILER INTAKE AIR PIPING. INSTALL INTAKE MUFFLER. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 4 NEW 6" AL294 VENTING PIPING. INSTALL EXHAUST MUFFLER. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 5 EXTEND 6" BOILER INTAKE AIR AND EXHAUST PIPING UP IN EXISTING CHIMNEY. EXTEND EXHAUST PIPING UP ABOVE ALL PIPE TERMINATIONS. PROVIDE GOOSENECK CONNECTION ON ROOF FOR AIR INTAKE PIPING. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 6 EXISTING AIR DRYER TO REMAIN.
- 7 EXISTING AIR COMPRESSOR TO REMAIN.
- 8 EXISTING ELECTRICAL PANEL TO REMAIN.
- 9 EXISTING ATC CONTROL PANEL TO REMAIN.
- 10 EXISTING DOMESTIC HOT WATER HEATER TO REMAIN.
- 11 EXISTING WATER SOFTENER AND BRINE TANK TO REMAIN.
- 12 EXISTING CONDENSING UNIT TO REMAIN.
- 13 EXISTING CHIMNEY TO REMAIN. PATCH OPENINGS AS REQ'D.
- 14 EXISTING DOMESTIC WATER EXPANSION TANK TO REMAIN.
- 15 NEW GAS PRV 5 PSIG - TO - 1/0 IN. VENT TO OUTSIDE
- 16 BOILER EMERGENCY SHUT-OFF SWITCH.
- 17 NEW FULTON MOD-SYNC CONTROL PANEL.
- 18 NEW PUMP VARIABLE FREQUENCY DRIVE (VFD).
- 19 EQUIPMENT SERVICE ACCESS SPACE.
- 20 BOILER CONDENSATE TRAP. PIPE AS PER MFG'S INSTRUCTIONS.
- 21 NEW CONCRETE EQUIPMENT PAD TO MATCH EXISTING PAD HEIGHT.
- 22 REPLACE EXISTING STEAM HEATING COIL WITH NEW HEATING HOT WATER COIL. FIELD VERIFY EXISTING AHU DIMENSIONS.
- 23 EXISTING CONCRETE EQUIPMENT PAD TO REMAIN.
- 24 EXISTING FLOOR DRAIN TO REMAIN.
- 25 INSTALL NEW CHEMICAL POT FEEDER FOR HEATING HOT WATER SYSTEM.
- 26 EXISTING DOMESTIC WATER PIPING TO REMAIN.
- 27 EXISTING GAS PRV AND VENT PIPING TO REMAIN.
- 28 EXTEND GAS PRESSURE REGULATOR VENTS TO OUTSIDE. RE-USE EXISTING VENTS WHERE AVAILABLE.
- 29 VENT NEW GAS PRV TO OUTSIDE.
- 30 NEW GAS PRV 5 PSIG - TO - 4 OZ. VENT TO OUTSIDE
- 31 EXTEND FLUE/COMBUSTION AIR PIPING UP THROUGH EXISTING ROOF AS PER MFG'S. RECOMMENDATIONS.



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DATE  
May 11, 2020

PROJECT TITLE  
**MCKINLEY ELEMENTARY SCHOOL  
Boiler Replacement Project**  
120 West 500 South  
Tremonton, Utah 84337

Box Elder School District/DWA Construction

SHEET TITLE  
**LARGE SCALE  
MECHANICAL  
PLANS**

PROJECT NUMBER

REVISIONS  
▲ May 21, 2020

SHEET NUMBER

**M1.1**