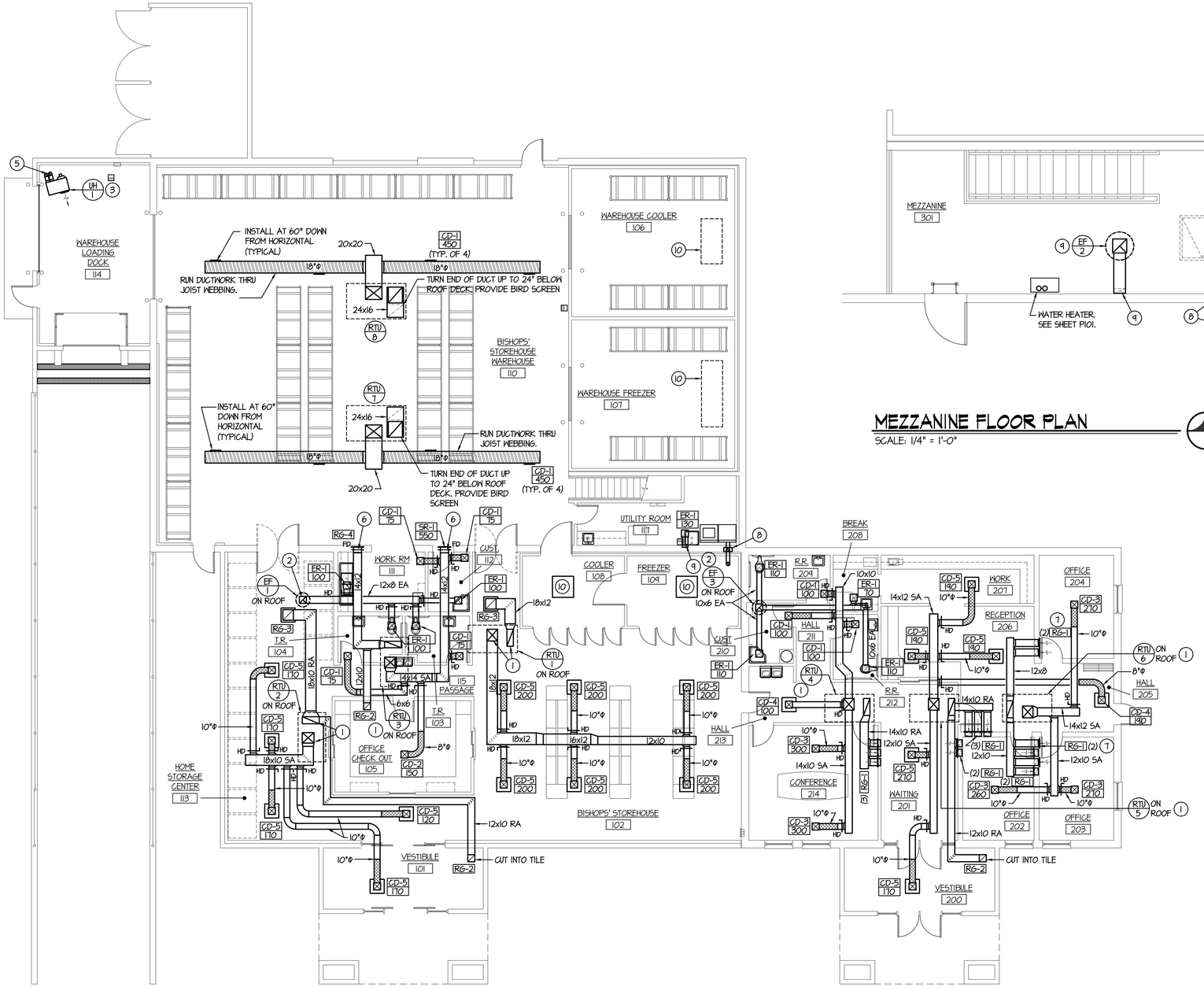
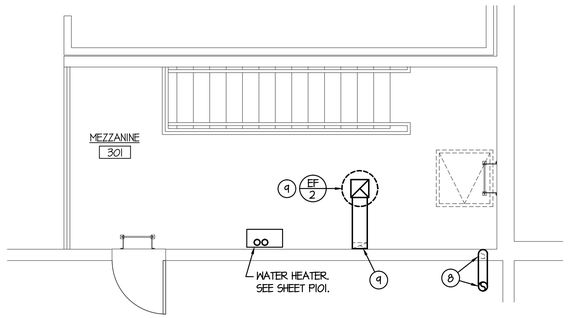


MECHANICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"



MEZZANINE FLOOR PLAN

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

PLAN NOTES:

1. MOUNT HVAC ROOF TOP UNIT ON ROOF WITH ROOF CURB. REFER TO ROOF PLAN ON SHEET P102 AND TO ROOF MOUNTING DETAILS A/M501 AND B/M501. DUCTWORK THRU ROOF TO BE FULL SIZE OF UNIT CONNECTIONS. CONNECT WITH 1" NEOPRENE FLEXIBLE CONNECTION.
2. PROVIDE AND INSTALL ROOF MOUNTED EXHAUST FAN COMPLETE WITH ROOF CURB AS SPECIFIED. PROVIDE BACK-DRAFT DAMPER. RISE EXHAUST DUCT UP THRU ROOF WITH 1" NEOPRENE FLEXIBLE CONNECTION. REFER TO DETAIL D/M501 FOR TYPICAL INSTALLATION.
3. PROVIDE AND INSTALL GAS FIRED UNIT HEATER AS SPECIFIED. MOUNT UNIT HEATERS 12'-0" ABOVE FINISHED FLOOR AND SUPPORT FROM ROOF STRUCTURE. REFER TO DETAIL F/M502 FOR TYPICAL INSTALLATION.
4. PROVIDE AND INSTALL GAS FIRED UNIT HEATER AS SPECIFIED. MOUNT UNIT HEATERS 14'-0" ABOVE FINISHED FLOOR AND SUPPORT FROM ROOF STRUCTURE. REFER TO DETAIL F/M502 FOR TYPICAL INSTALLATION.
5. RISE FLUE UP THRU ROOF WITH ROOF CAP REFER TO DETAIL F/M502 FOR TYPICAL INSTALLATION.
6. PROVIDE AND INSTALL FIRE DAMPER IN DUCT. REFER TO DETAIL H/M502 FOR TYPICAL INSTALLATION.
7. MOUNT RETURN GRILLE AT 6" ABOVE FLOOR. RISE 12x5 UNLINED DUCT UP IN WALL. REFER TO DETAIL D/M502 FOR TYPICAL INSTALLATION. THIS TYPICAL OF ALL RG-1 GRILLES.
8. RISE 4" DRYER VENT UP IN WALL. OFFSET VENT BELOW LOWER ROOF AND EXTEND UP THRU LOWER ROOF WITH WEATHER CAP. REFER TO DETAIL J/M502 FOR TYPICAL INSTALLATION.
9. RISE 10x4 EXHAUST DUCT UP THRU MEZZANINE FLOOR, NEXT TO WALL. OFFSET DUCT AT ROOF AND RISE UP THRU ROOF AT 3'-0" MINIMUM AWAY FROM PARAPET WALL. PROVIDE AND INSTALL ROOF MOUNTED EXHAUST FAN COMPLETE WITH ROOF CURB AND BACK-DRAFT DAMPER. PROVIDE 1" NEOPRENE FLEXIBLE CONNECTION. REFER TO DETAIL D/M501 FOR TYPICAL CONNECTION.
10. COOLER AND FREEZER UNITS AND ALL ASSOCIATED REFRIGERANT AND DRAIN PIPING BY DIVISION 11. COORDINATE ALL DUCTWORK AND PIPING WITH THESE UNITS AND PIPING.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: April 15, 2018
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
1355 EAST CENTER, POCATELLO, IDAHO 83201

MECHANICAL REGISTERED PROFESSIONAL ENGINEER 91171PE OREGON MAY 11, 2016 DWAYNE C. SUDWEEKS
EXPIRES: 06/30/2018

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com

ESA JOB NUMBER: 16038

Architect / Engineer:
JRW ARCHITECTS
1152 BOND AVENUE - Suite A
REXBURG, IDAHO 83440
V 208.359.2309
Fax 208.359.2271

Stamp:

SPRINGFIELD OREGON
BISHOP'S STOREHOUSE
SPRINGFIELD OREGON

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Project Number: WEC 15504
Plan Series: - JRWA Proj. 662
Property Number: 541-8550

Sheet Title: MECHANICAL FLOOR PLAN

Sheet: M101