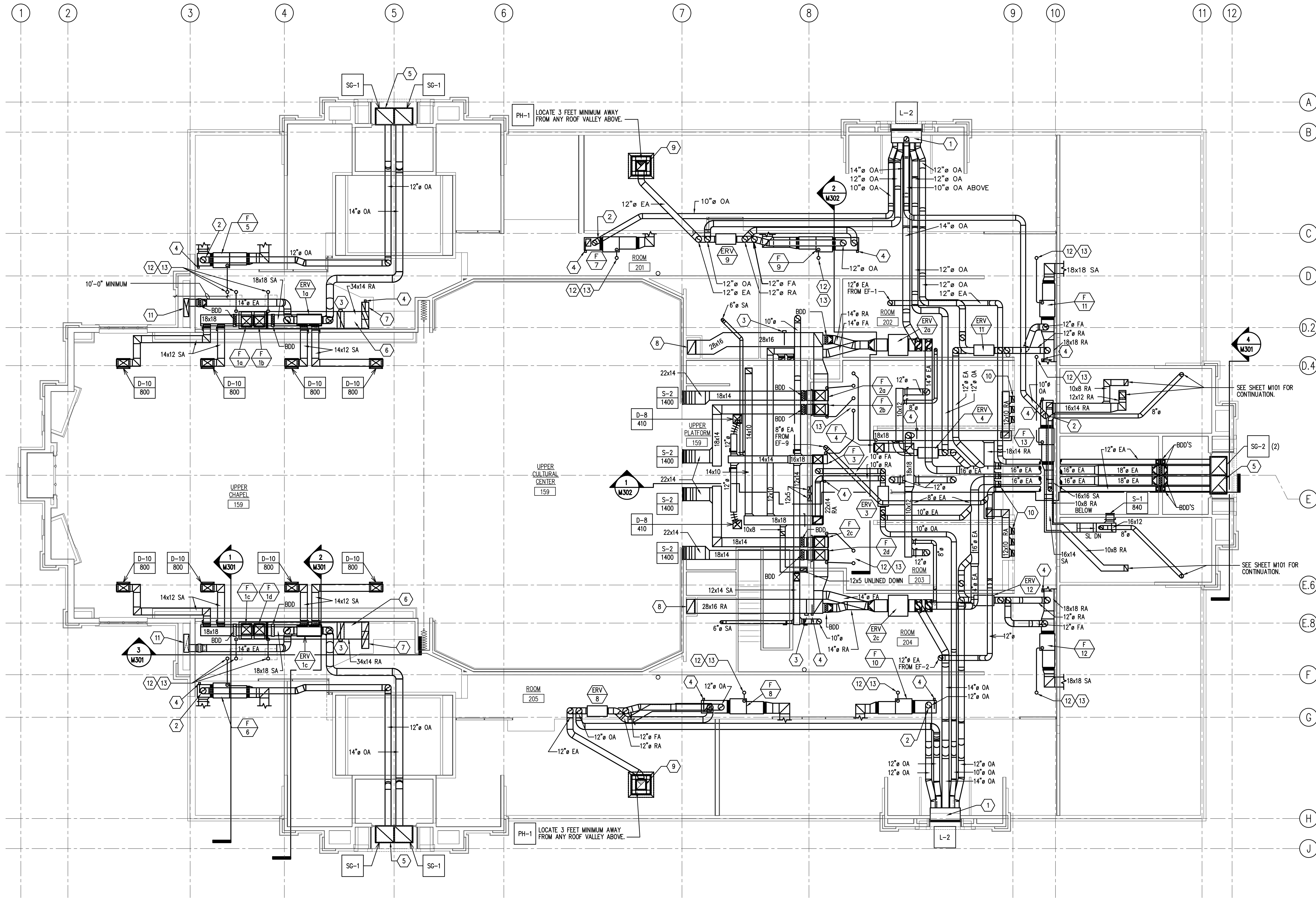




② EQUIPMENT PLATFORM MECHANICAL PLAN
1/8" = 1'-0"



KEYED NOTES

1. 24" DEEP OUTSIDE AIR INTAKE PLENUM. INSTALL ICE AND WATER SHIELD AT INTERIOR OF PLENUM. SLOPE BOTTOM TOWARDS EXTERIOR WALL. WRAP WITH SPECIFIED INSULATION.
2. MINIMUM OUTSIDE AIR CONTROLS. REFER TO DETAIL F/M503. TYPICAL FOR ALL SYSTEMS.
3. DUCT SMOKE DETECTOR AND 12X12 ACCESS DOOR.
4. CO2 SENSOR BY DIV 23. REFER TO SHEET M101.
5. PROVIDE 26" WIDE x 24" HIGH PLENUM FULL LENGTH OF BOTH SOFFIT GRILLES.
6. RISE UP AND OVER AND DOWN FOR SOUND ATTENUATION.
7. DROP 34"x14" RA DUCT DOWN INTO RA PLENUM BELOW.
8. DROP 28"x16" RA DUCT DOWN IN SHAFT.
9. 16"x16" EXHAUST UP TO PENTHOUSE ON ROOF. PROVIDE BACK DRAFT DAMPER AT INSULATION ENVELOPE PENETRATION.
10. (3) 12"x5" UNLINED RA DROPS DOWN IN WALL. SEE M101 FOR CONTINUATION.
11. DROP 36"x10" EXHAUST AIR DUCT DOWN SHAFT.
12. CONCENTRIC VENT AND COMBUSTION AIR PIPING UP THROUGH ROOF. REFER TO DETAILS C/M503 AND D/M503. DO NOT BLOCK ACCESS WITH VENT PIPING. TYPICAL FOR ALL FURNACE SYSTEMS.
13. LOCATE VENTS ALIGNED ALONG BUILDING AXIS AND AWAY FROM ROOF PEAKS AND VALLEYS. REFER TO SHEET A121 FOR ROOF PENETRATION LOCATIONS.

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Stamp:

New Meetinghouse for:
**Iona South Stake
Heritage 09TSC**
4440 E. High Grove Road
Idaho Falls, ID 83401

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

Mark	Date	Description

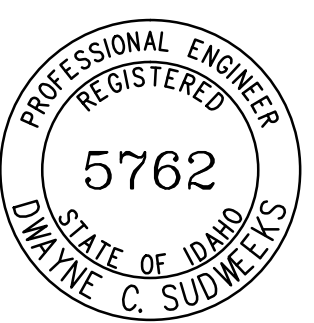
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Property Number:
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Sheet Title:
**EQUIPMENT
PLATFORM
MECH. PLAN**

Sheet:

M102

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Mar 15, 2017
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
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