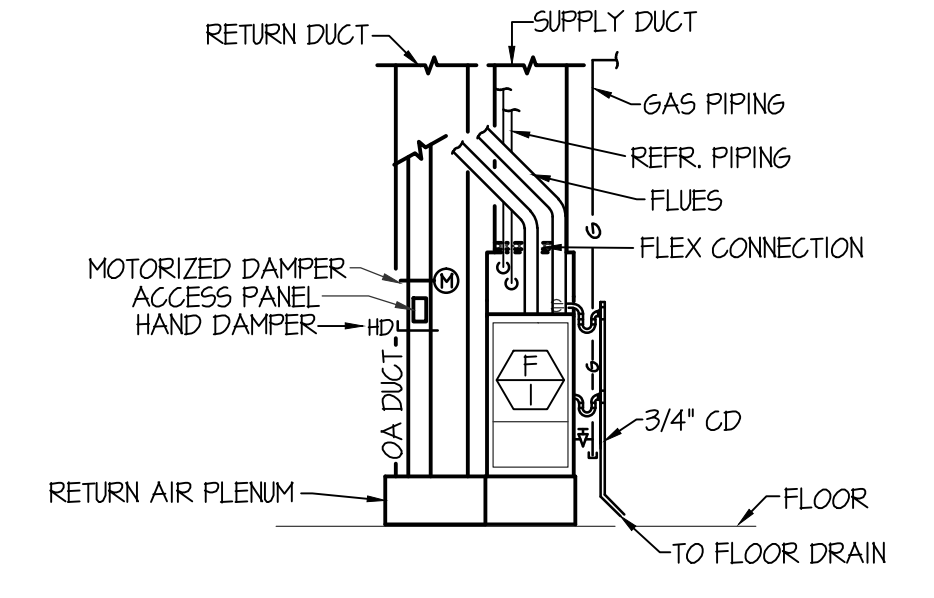


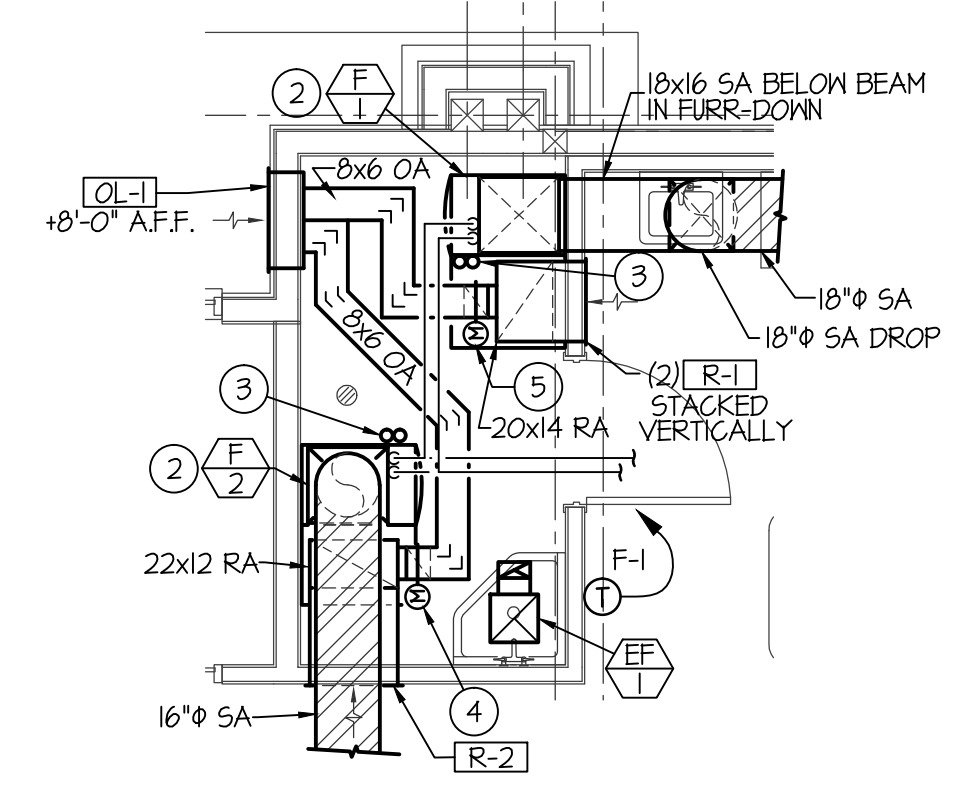
- PLAN NOTES:**
- REMOVE EXISTING CONDENSING UNITS ON GROUND AND RELOCATE TO NEW MEMBRANE ROOF AREA AS SHOWN. PUMP DOWN AND CAPTURE EXISTING REFRIGERANT AND EXTEND EXISTING REFRIGERANT PIPING AND CONTROL CONDUIT AS REQUIRED.
  - INSTALL FURNACE ON 12" HIGH RETURN AIR PLENUM. SEE DETAIL ON SHEET M200.
  - RISE (2) 3"Ø FURNACE FLUES UP THRU ROOF TO VERTICAL VENT TERMINATION ASSEMBLY. SEE DETAIL ON SHEET M200.
  - RUN 8x6 OA DUCT FROM LOUVER OL-1 AS SHOWN AND DROP DOWN TO FURNACE PLENUM AND CONNECT. INSTALL HAND DAMPER, ACCESS PANEL AND MOTORIZED DAMPER IN VERTICAL PORTION OF 8x6 OA DUCT. BALANCE HAND DAMPER TO 160 CFM.
  - RUN 8x6 OA DUCT FROM LOUVER OL-1 AS SHOWN AND DROP DOWN TO FURNACE PLENUM AND CONNECT. INSTALL HAND DAMPER, ACCESS PANEL AND MOTORIZED DAMPER IN VERTICAL PORTION OF 8x6 OA DUCT. BALANCE HAND DAMPER TO 200 CFM.
  - INSTALL FLUE(S) FOR GAS FIRE PLACE THRU ROOF TO VERTICAL VENT TERMINATION ASSEMBLY AS PER MANUFACTURER'S INSTRUCTIONS. SEE MANUFACTURER'S INSTALLATION MANUAL FOR SIZE AND FLUE MATERIAL.
  - RISE REFRIGERANT PIPING UP THRU ROOF TO COND. UNIT. SEAL ROOF PENETRATION WEATHERTIGHT.
  - INSTALL OUTDOOR UNIT ON 4" THICK CONCRETE PAD (BY GENERAL CONTR.)
  - DROP REFR. PIPING DOWN IN STUD SPACE OF EXTERIOR WALL. COVER EXPOSED REFRIGERANT PIPING ON EXTERIOR OF BUILDING WITH PIPE COVER. SEE DETAIL ON SHEET M200.
  - RUN REFR. PIPING IN JOIST SPACE AS HIGH AS POSSIBLE.
  - CONTRACTOR TO RELOCATE EXISTING DIFFUSERS / GRILLES AND MODIFY DUCTWORK AS REQUIRED FOR NEW WALL INSTALLATION IN THIS AREA.
  - EXISTING FURNACE TO REMAIN. RECONNECT TO RELOCATED CONDENSING UNITS



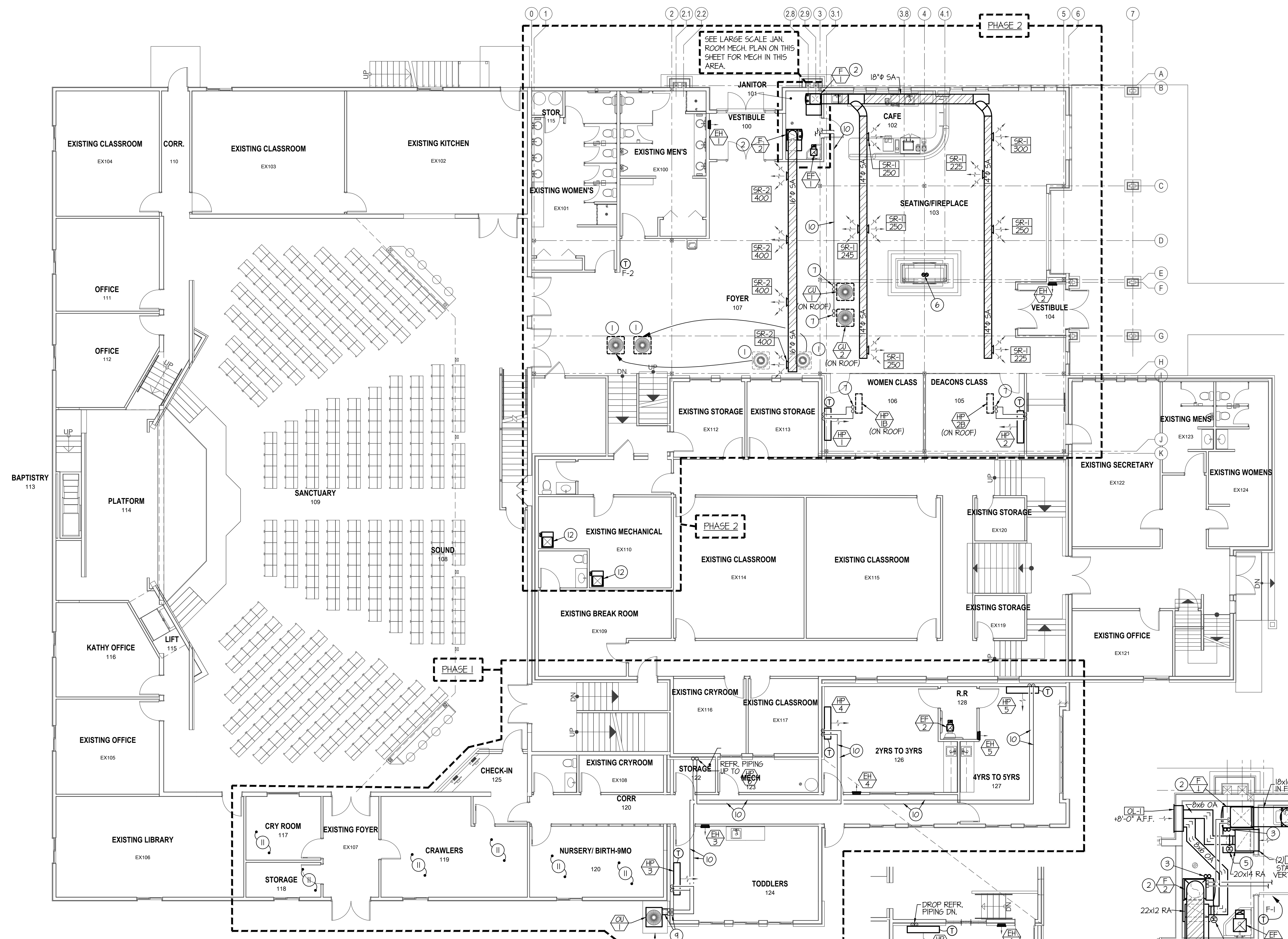
**TYPICAL UPFLOW FURNACE ELEVATION**  
NO SCALE

**MECHANICAL LEGEND**

SYMBOL	DESCRIPTION
(T)	ELECTRONIC THERMOSTAT
(HP)	EQUIPMENT SYMBOL
(TV)	TURNING VANES
(DT)	DUCT TRANSITION
(ES)	EXPOSED SPIRAL DUCTWORK
(SR)	SIDEWALL REGISTER SUPPLY OR RETURN AIR
(RG)	RETURN AIR OR EXHAUST GRILLE
(CD)	CEILING DIFFUSER
(CM)	CEILING MOUNTED EXHAUST FAN



**LARGE SCALE JAN. 101 MECHANICAL PLAN**  
SCALE: 1/4" = 1'-0"



**MAIN LEVEL - MECHANICAL PLAN**  
SCALE: 1/8" = 1'-0"

**UPPER LEVEL - MECHANICAL PLAN**  
SCALE: 1/8" = 1'-0"

PROJECT: **NEW PLYMOUTH FIRST BAPTIST CHURCH**  
 204 East Elm Street  
 New Plymouth, ID 83655  
 MOUNTAIN WEST ARCHITECTS | 543 25TH ST. - OGDEN, UT 84401 | PH: 801-388-6052 | www.mountainwestarchitects.com

SHEET TITLE: **MAIN LEVEL MECHANICAL FLOOR PLAN**

SHEET NUMBER: **M101**

DO NOT SCALE DRAWING

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