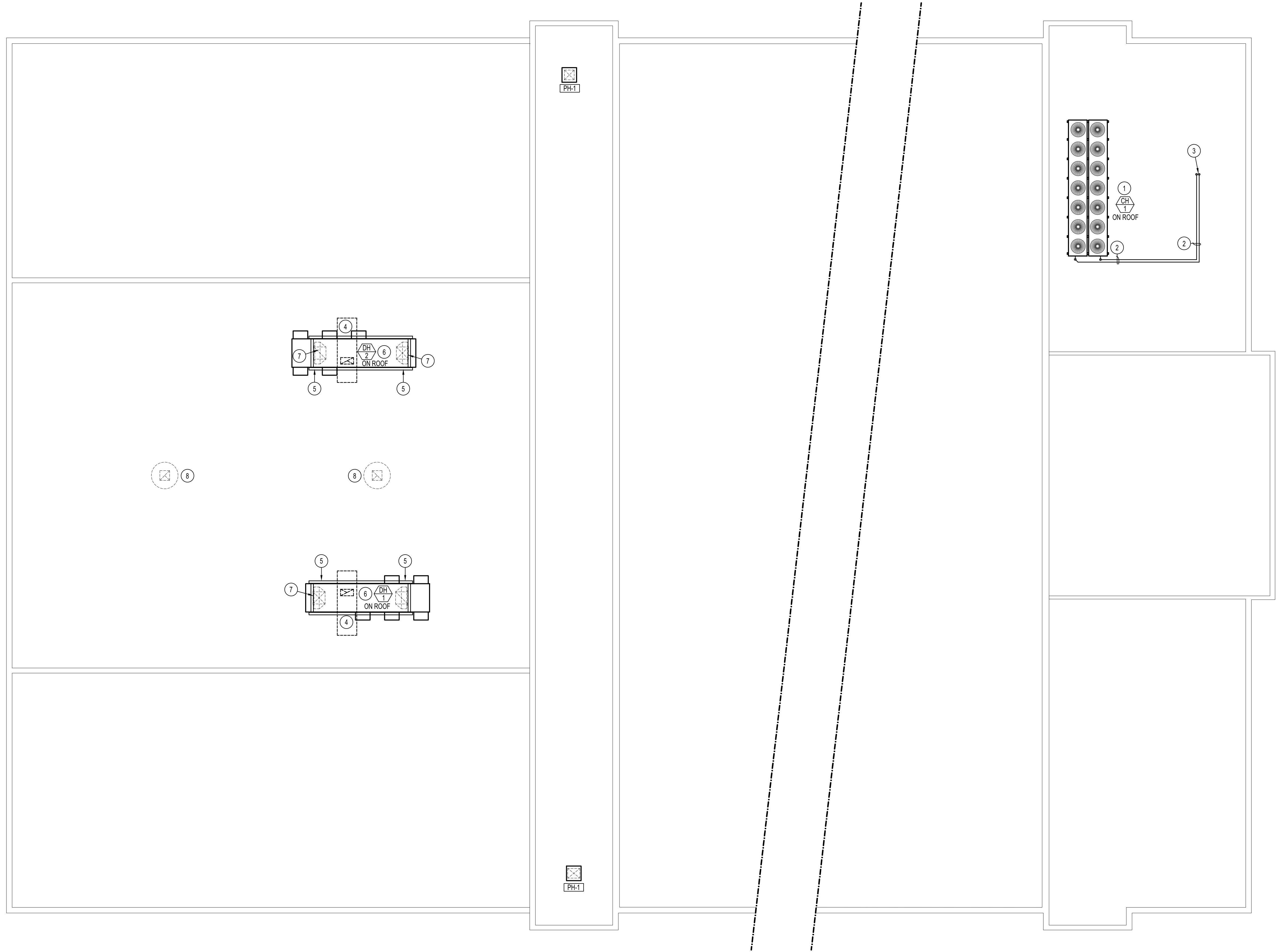


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PLAN NOTES:

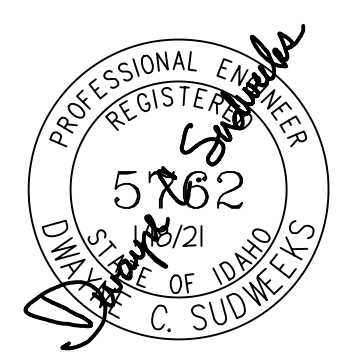
- 1 PROVIDE AIR COOLED FLUID COOLER AS SPECIFIED. MOUNT UNIT ON ROOF WITH CONTINUOUS 6" WIDE BEAM UNDER ALL LEGS FOR LENGTH OF UNIT.
- 2 RUN 4" PIPING ALONG ROOF AS SHOWN. PROVIDE PYRAMID TYPE SUPPORTS UNDER PIPING. PROVIDE PIPE INSULATE AND COVER WITH ALUMINUM PIPE INSULATION COVER.
- 3 DROP (2) 4" PIPES DOWN THRU ROOF. SEAL ROOF PENETRATION WATER TIGHT.
- 4 DISCONNECT AND REMOVE EXISTING ROOF MOUNTED MAKE-UP AIR UNIT AND EXISTING DUCTWORK. EXISTING IRON SUPPORT ABOVE ROOF TO REMAIN.
- 5 EXISTING IRON SUPPORT FRAME ABOVE ROOF TO REMAIN. REMOVE EXISTING UNIT AND INSTALL NEW UNIT ON EXISTING FRAME. REFER TO STRUCTURAL DRAWINGS FOR ANY CHANGES TO EXISTING SUPPORT. CENTER UNIT ON EXISTING SUPPORT.
- 6 PROVIDE AND INSTALL NEW DEHUMIDIFIER / MAKE-UP AIR UNIT AS SPECIFIED ON EXISTING IRON SUPPORT FRAME. DROP NEW 30x30 RIGID ALUMINUM DUCTWORK DOWN THRU ROOF AND CONNECT TO NEW FABRIC DUCT IN POOL AREA. (SEE NOTE 4)
- 7 TRANSITION 54x13 SUPPLY AND RETURN OUTLETS FROM UNIT TO 30x30 AND DROP DOWN THRU EXISTING ROOF. COORDINATE NEW ROOF PENETRATIONS WITH EXISTING BUILDING STRUCTURE. DUCTWORK TO BE UNLINED ALUMINUM CONSTRUCTION. ALL DUCTWORK ABOVE ROOF TO BE WRAPPED WITH 2" EXTERNAL DUCT WRAP AND THEN COVERED WITH PRE-FINISHED ALUMINUM DUCT COVER. REFER TO DETAIL AM301 FOR TYPICAL INSTALLATION OF EXPOSED DUCTWORK.
- 8 DISCONNECT AND REMOVE EXHAUST FAN ON ROOF. CAP EXISTING ROOF CURB WITH SHEET METAL AND SEAL WATER TIGHT.

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PROJECT:
 REED GYM HVAC UPGRADE
 IDAHO STATE UNIVERSITY
 DPW # 19227
 POCATELLO, IDAHO

SHEET TITLE:
 ROOF PLAN

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
 DATE ORIGINAL SIGNED: Feb 16, 2021
 ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
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 ESA JOB NUMBER: 18050

CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS SHOWN OR IMPLIED

DRAWING SCALE APPLIES TO 22" X 34" SHEET SIZE

REVISION	DATE



DRAWN BY:	M. JENSEN
CHECKED BY:	D. SUDWEEKS
JOB NUMBER:	18467
PROJECT DATE:	FEBRUARY 2021
SHEET	OF
M105	12

ROOF PLAN
 SCALE: 3/32" = 1'-0"
 North