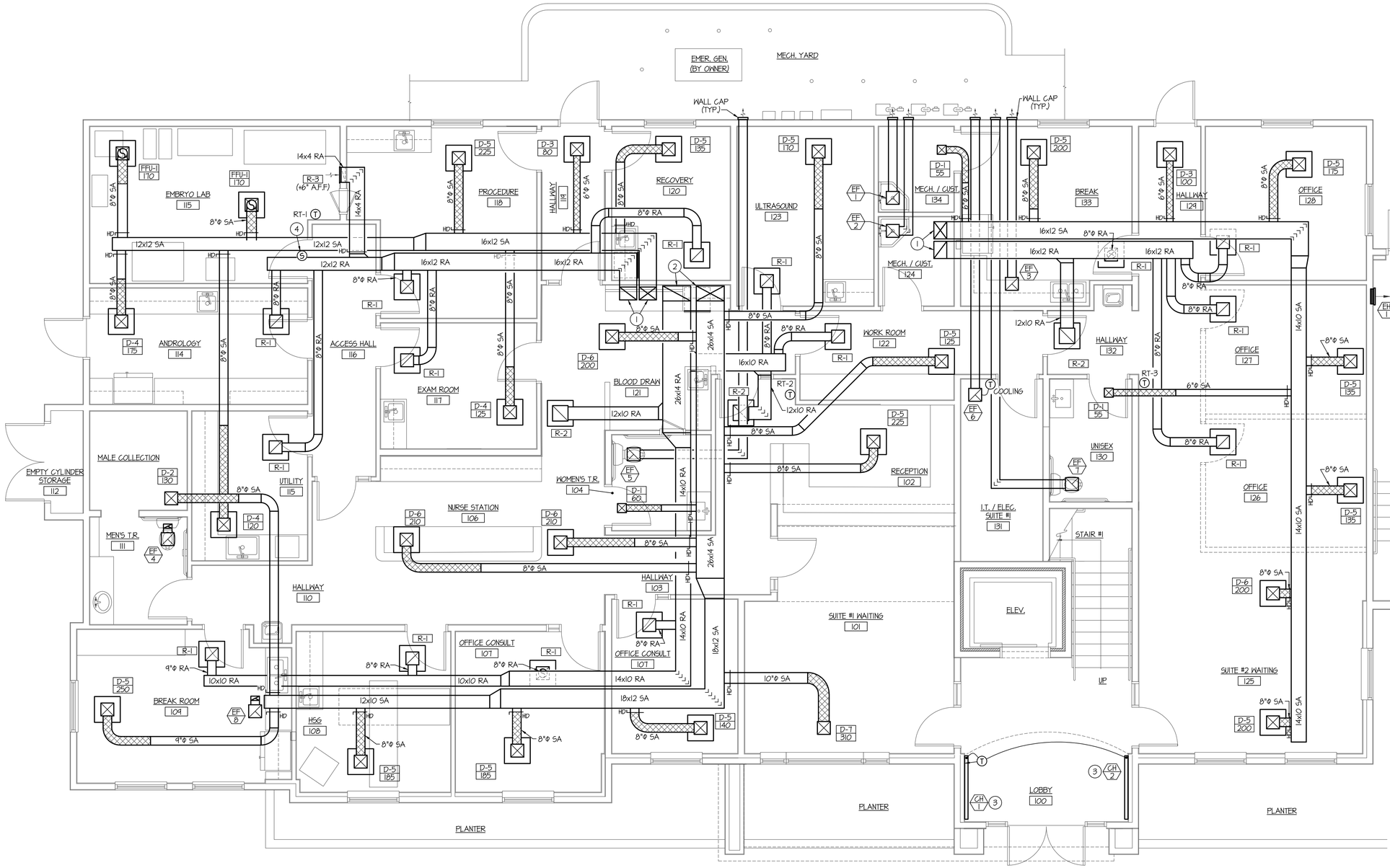

FIRST FLOOR MECHANICAL PLAN

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

NORTH

PLAN NOTES:

1. RISE 16x12 SUPPLY AND 16x12 RETURN AIR DUCTWORK UP IN CHASE ABOVE TO ROOFTOP UNIT RT-1 ON ROOF ABOVE. SEE SHEET M-2 FOR CONTINUATION OF DUCTWORK.
2. RISE 26x14 SUPPLY AND 26x14 RETURN AIR DUCTWORK UP IN CHASE ABOVE TO ROOFTOP UNIT RT-2 ON ROOF ABOVE. SEE SHEET M-2 FOR CONTINUATION OF DUCTWORK.
3. MOUNT BOTTOM OF HEATER AT 8'-0" ABOVE FINISHED FLOOR.
4. MOUNT SENSOR ABOVE DOOR AND CONNECT TO FAN FORCED HEPA FILTER CEILING DIFFUSERS (LABELED FFU-1) IN EMBRYO LAB 115. MAINTAIN A POSITIVE PRESSURE OF 0.02 INCH WATER COLUMN INSIDE EMBRYO LAB 115 ROOM IN RELATION TO ADJACENT ACCESS HALLWAY 116.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
T	ELECTRONIC THERMOSTAT
FC 1	EQUIPMENT SYMBOL
	ELECTRIC WALL HEATER
HD	HAND DAMPER
	ROUND BRANCH DUCT WITH HAND DAMPER
	RECTANGULAR SUPPLY AND RETURN AIR DUCT TAKE-OFF
	TURNING VANES
	DUCT TRANSITION
	INSULATED FLEXIBLE DUCT
	SIDEWALL REGISTER SUPPLY OR RETURN AIR
	RETURN AIR OR EXHAUST GRILLE
	CEILING DIFFUSER
	CEILING MOUNTED EXHAUST FAN

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: FEB. 26, 2019
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
1355 EAST CENTER, POCATELLO, IDAHO 83201

PROFESSIONAL ENGINEER REGISTERED 5762 STATE OF IDAHO DWAYNE C. SUDWEEKS

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

ESA JOB NUMBER: 18097

LICENSED ARCHITECT AR-2650
MARLA R. MORGAN
STATE OF IDAHO

marlamorgan architecture PLLC

MARLA MORGAN, Architect
PH: 208.270.2244
E-MAIL: morganmrm@cableone.net

OWNER: Dr. Deirdre Conway
IDAHO FERTILITY CENTER
535 West Sunnyside Road Idaho Falls, ID 83402

SHEET CONTENTS: FIRST FLOOR MECHANICAL PLAN

REVISIONS		
No.	DATE	DESCRIPTION

SHEET NUMBER M-1 OF 3