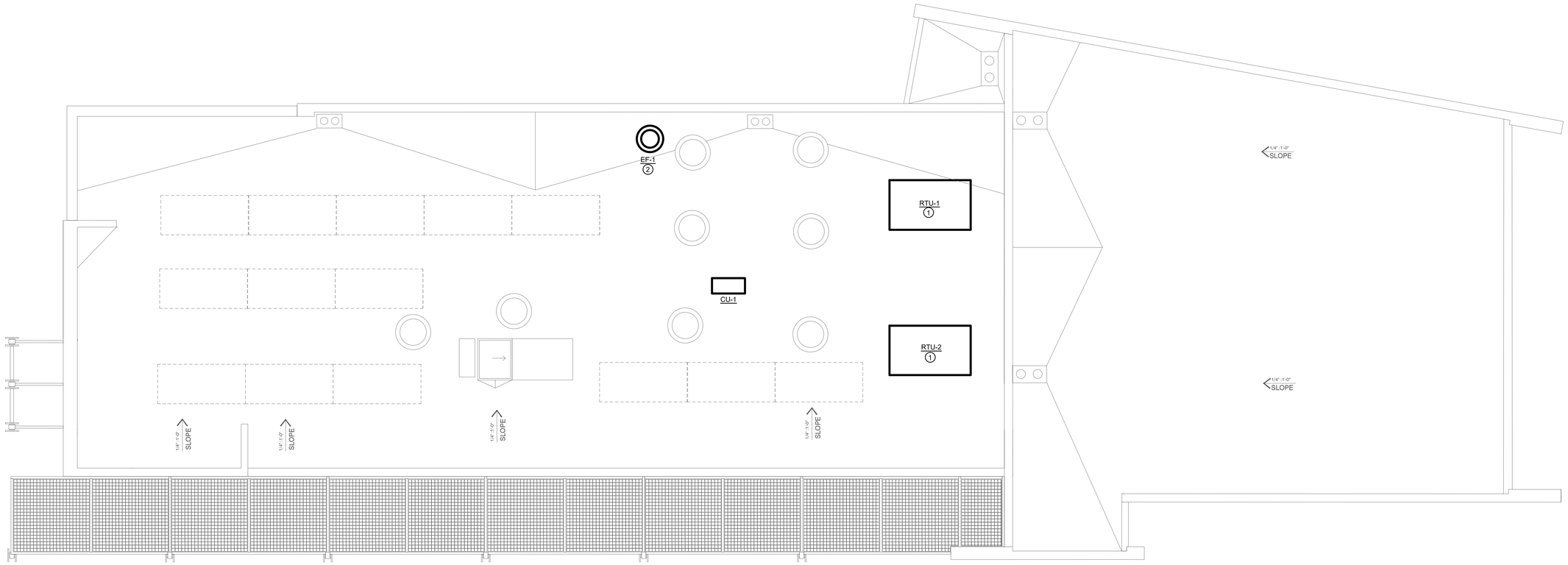

1 MECHANICAL ROOF PLAN

1/4" = 1'-0"

0' 2' 4' 8' 16'

GENERAL NOTES:

A. CONTRACTOR SHALL COORDINATE ALL FINAL THERMOSTAT LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO MOUNTING.

B. THE CONTRACTOR SHALL DO ALL NECESSARY CUTTING OF WALL AND CEILINGS.

C. NO STRUCTURAL MEMBER SHALL BE CUT WITHOUT PERMISSION FROM THE ENGINEER.

D. PATCH AROUND ALL OPENINGS TO MATCH EXISTING CONSTRUCTION.

E. DUCTWORK CONSTRUCTION AND INSTALLATION INCLUDING SHEET METAL GAUGES, REINFORCEMENT, JOINT SEALING, AIR LEAKAGE AND DETAILS NOT SPECIFICALLY SHOWN ON DRAWINGS SHALL BE IN ACCORDANCE WITH 2006 IMC DUCT CONSTRUCTION STANDARDS.

F. FLEXIBLE DUCTWORK SHALL COMPLY WITH THE CLASS I REQUIREMENTS OF THE NFPA BULLETIN NO. 90A AND SHALL BE INSULATED WITH 1" FIBERGLASS, SUPPORTED BY HELICALLY WOUND STEEL WIRE WITH REINFORCED METALIZED OUTER JACKET RATED FOR USE IN PLENUMS. ATTACHMENT SHALL BE WITH WORK DRIVE CLAMPS. LENGTH SHALL NOT EXCEED 8'-0".

G. BRANCH DUCT SERVING DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK.

H. INSULATE ALL DUCTWORK LOCATED ON THE EXTERIOR OF THE BUILDING.

KEYED NOTES:

1. ROOFTOP MOUNTED HEAT PUMP. 100% OUTSIDE AIR ECONOMIZER PROVIDED BY OWNER.
2. 8"Ø EXHAUST DUCT THROUGH ROOF. FINAL TERMINATION POINT SHALL NOT BE WITHIN 10'-0" FROM ANY OUTSIDE AIR INTAKE.

UCSB Campus
Parking Lot 32
Santa Barbara, CA 93106
(p) 805 968-2617 (f) 805 562-8987

ADMINISTRATION BUILDING

ISSUED	REV	DATE
DART Submittal		15 May 2015
Site Development Plan 1		23 June 2015
30% Schematic Design		30 Oct. 2015
Pre-App & Architectural Board of Review Submittal		23 Apr. 2016
Architectural Board of Review Submittal		25 Jan. 2017
Architectural Board of Review		10 OCT 2022

REGISTERED PROFESSIONAL ENGINEER
ORLANDO EMILIO GONZALES
M 37200
Exp. 03/31/25
MECHANICAL
STATE OF CALIFORNIA

08/09/2023

DRAWING

MECHANICAL ROOF PLAN

SCALE 1/4" = 1'-0"

PROJECT NUMBER 40903

DRAWING NUMBER **M-2.1**

Plot Date: 5/22/2017 11:02 AM