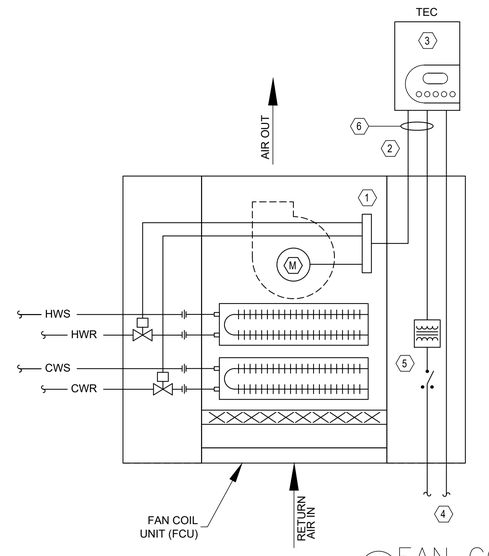

D FAN COIL UNIT DETAIL
NO SCALE

KEYED NOTES:

1. FAN RELAYS AND CONTROL VALVE WIRING SHALL BE CONNNECTED TO A TERMINAL STRIP IN THE FCU AT THE FACTORY.
2. ALL CONDUIT AND WIRING SHALL BE BY CONTRACTOR. WIRING SHALL BE PROVIDED FROM FCU TERMINAL STRIP TO THE THERMOSTAT LOCATION WITH AN EXTRA 3-FOOT LENGTH OF WIRE AT THE THERMOSTAT LOCATION.
3. THERMOSTAT CONTROLLER WILL BE FURNISHED AND INSTALLED BY OWNER. CONTROLLER WILL BE JCI MODEL TEC SERIES. CONTRACTOR SHALL ROUGH-IN CONDUIT AND BOX FOR MOUNTING REMOTELY LOCATED THERMOSTATS. OWNER WILL TERMINATE, PROGRAM, AND COMMISION CONTROLLER AFTER POWER IS ENERGIZED TO FCU.
4. N2 COMMUNICATION BUS WIRE SHALL BE 18 AWG PLENUM RATED, TWISTED SHIELDED, 3 CONDUCTOR. N2 BUS TO BE PULLED BY CONTRACTOR AND SHALL BE CONTINUOUS DAISY CHAIN WITHOUT SPLICES. SEE N2 LAYOUT DETAIL. LEAVE EXTRA 4-FOOT OF WIRE AT THERMOSTAT LOCATION. LABEL WIRES WITH "IN FROM XXX" OR "OUT FROM XXX", WHERE XXX DESIGNATES THE ROOM NUMBER
5. SERVICE DISCONNECT/SWITCH AND TRANSFORMER PROVIDED AND INSTALLED BY CONTRACTOR.
6. 8 CONDUCTOR 22 GAUGE TWISTED, SHIELDED, STRANDED WIRE

STATE OF MISSOURI
JAMES LEE WYRICK
NUMBER
PE-2018021277
PROFESSIONAL ENGINEER

ENGINEER -
JAMES LEE WYRICK
MO# - 2018021277

James Wyrick
Digitally signed by James Wyrick
Date: 2021.09.07 15:58:16 -05'00'

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	DRAWN BY: JLW	CHECKED BY: JLW

CAMPUS FACILITIES
Planning, Design, & Construction
Design Services
UNIVERSITY OF MISSOURI

SCHWEITZER HALL
COLUMBIA, BOONE COUNTY, MISSOURI 65211
RENOVATE LAB 213
MECHANICAL CONTROL DETAILS

PROJECT NUMBER
CP211261

SHEET
M701