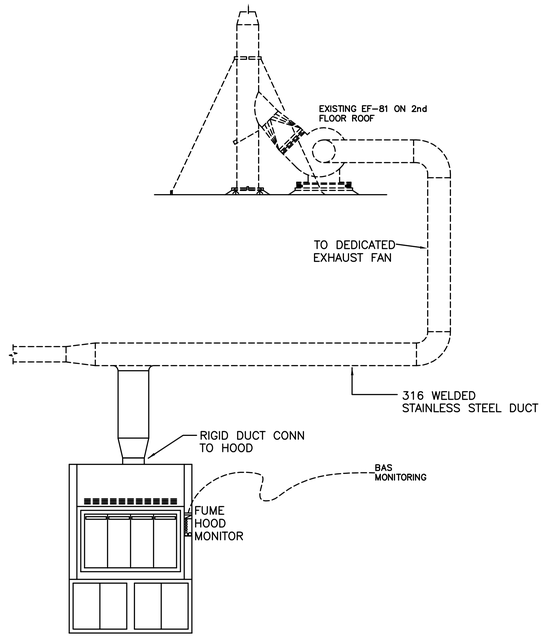
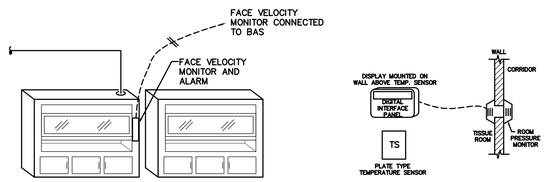
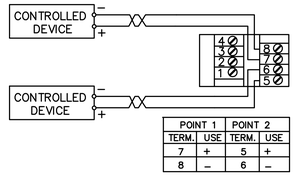


BIO SAFETY CABINET, CLASS II TYPE B1

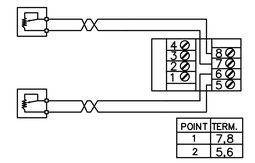


TISSUE CULTURE ROOM CONTROL



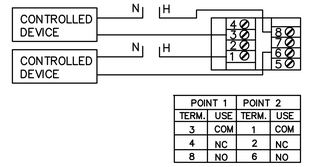
POINT 1		POINT 2	
TERM.	USE	TERM.	USE
7	+	5	+
8	–	6	–

MH ANALOG OUTPUT (AO) 4-20 mA



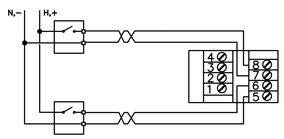
POINT	TERM.
1	7,8
2	5,6

ME ANALOG INPUT (AI) 100K THERM



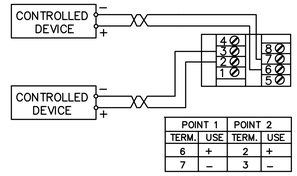
POINT 1		POINT 2	
TERM.	USE	TERM.	USE
3	COM	1	COM
4	NC	2	NC
8	NO	6	NO

MA DIGITAL OUTPUT (DO) PULSED



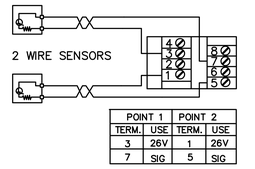
POINT 1			POINT 2		
TERM.	USE	USE	TERM.	USE	USE
7	NEU	–	5	NEU	–
8	HOT	+	6	HOT	+

MQ DIGITAL INPUT (DI) VOLTAGE



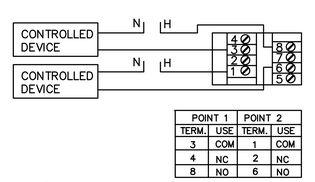
POINT 1		POINT 2	
TERM.	USE	TERM.	USE
6	+	2	+
7	–	3	–

MJ ANALOG OUTPUT (AO) 0-10VDC



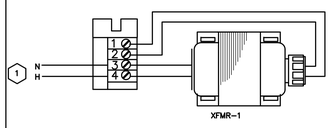
POINT 1		POINT 2	
TERM.	USE	TERM.	USE
3	26V	1	26V
7	SIG	5	SIG

MF ANALOG INPUT (AI) 4-20 mA

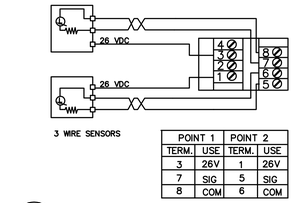


POINT 1		POINT 2	
TERM.	USE	TERM.	USE
3	COM	1	COM
4	NC	2	NC
8	NO	6	NO

MB DIGITAL OUTPUT (DO) LATCHED

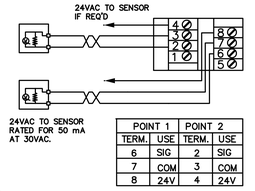


X1 CONTROL TRANSFORMER



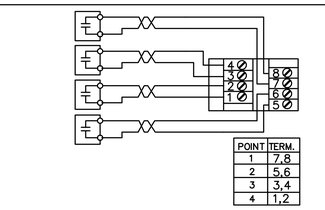
POINT 1		POINT 2	
TERM.	USE	TERM.	USE
3	26V	1	26V
7	SIG	5	SIG
8	COM	6	COM

MT ANALOG INPUT (AI) 3W 4-20mA



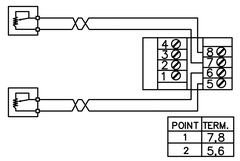
POINT 1		POINT 2	
TERM.	USE	TERM.	USE
6	SIG	2	SIG
7	COM	3	COM
8	24V	4	24V

MG ANALOG INPUT (AI) 0-10 VDC



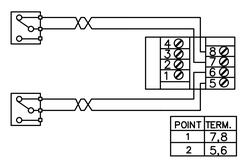
POINT	TERM.
1	7,8
2	5,6
3	3,4
4	1,2

MC DIGITAL INPUT (DI) DRY CONTACT



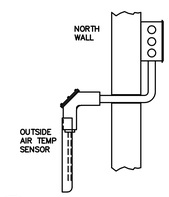
POINT	TERM.
1	7,8
2	5,6

MR ANALOG INPUT (AI) 1000ohm RTD

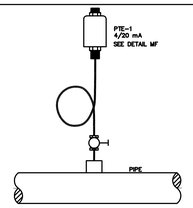


POINT	TERM.
1	7,8
2	5,6

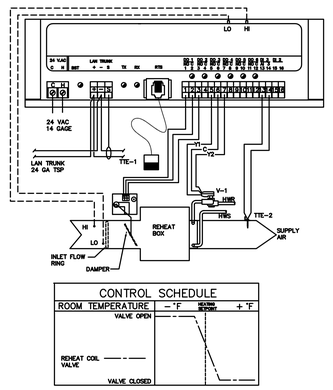
MD DIGITAL INPUT (DI) PULSE ACCUM



S1 OUTDOOR TEMP SENSOR

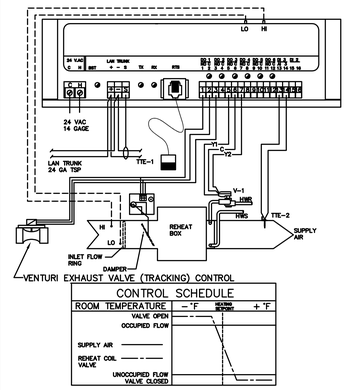


P1 PRESSURE TRANSMITTER



C1 DDC CV REHEAT BOX CONTROL

ALL REHEAT BOXES SERVING ANIMAL HOLDING ROOMS, QUARANTINE ROOM, BIOCONTAINMENT LABS, PROCEDURE ROOMS OR EUTHANASIA ROOM SHALL BE AUTO REHEAT VALVES THAT FAIL CLOSED.



V1 DDC VAV REHEAT BOX CONTROL

WITH OR W/O EXHAUST FLOW TRACKING

VENTURI EXHAUST VALVE (TRACKING) CONTROL

No.	Date	Description

CONSULTANT:

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2

ARCHITECT

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HFR Project No: 2012063

Drawing Title: DDC CONTROL CONNECTIONS

Approved: Project Director

Project Title: **RENOVATE BUILDING 1 GROUND FLOOR RESEARCH**

Location: MEMPHIS

Date: 08-14-12 | Checked: TCF | Drawn: JLF

Project Number: 614-10-115

Building Number:

Drawing Number: 1-MH7.03

Dwg. 14 of 14

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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