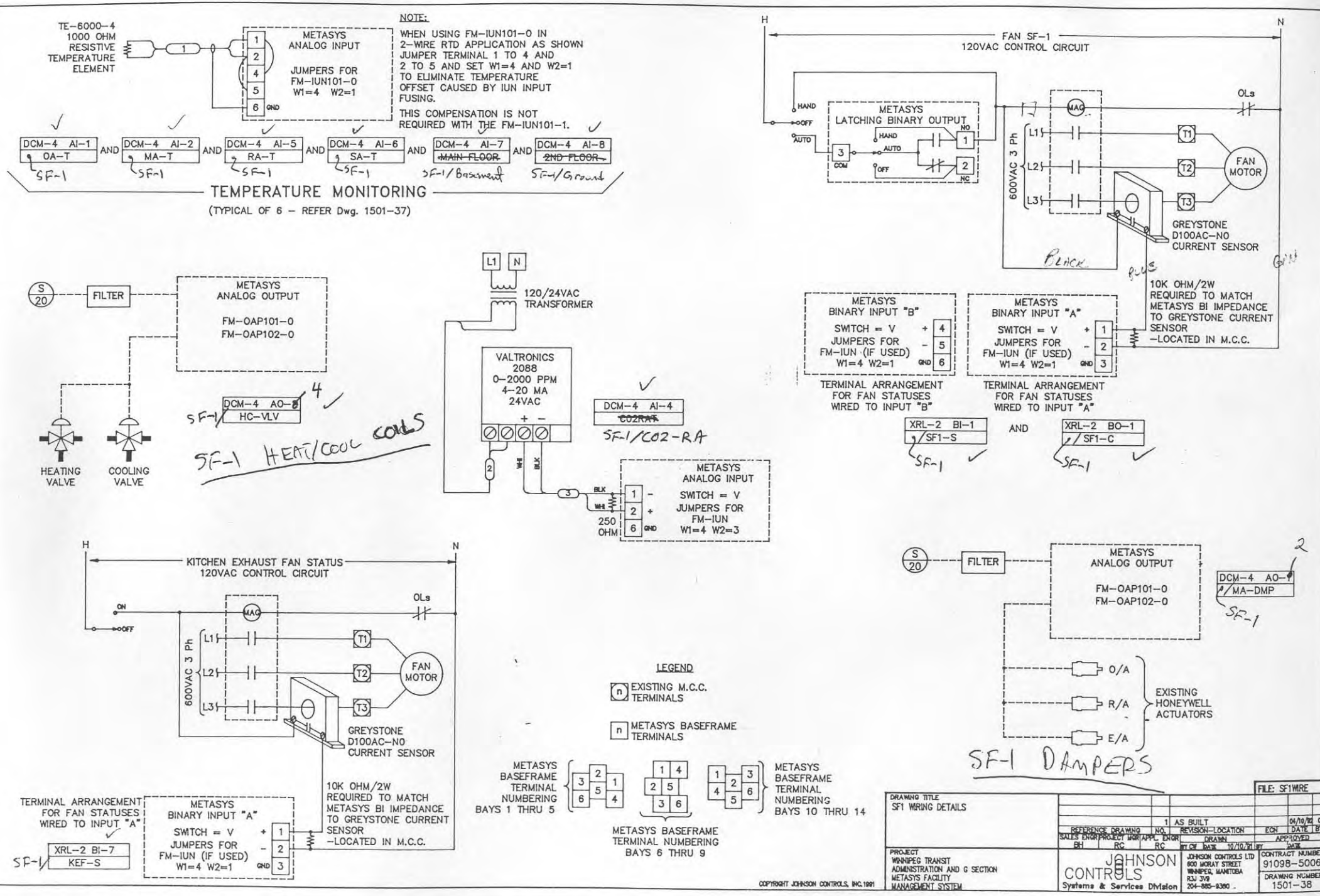
TE-6000-4
1000 OHM
RESISTIVE
TEMPERATURE
ELEMENT
METASYS
ANALOG INPUT
JUMPERS FOR
FM-IUN101-0
W1=4 W2=1
NOTE:
WHEN USING FM-IUN101-0 IN
2-WIRE RTD APPLICATION AS SHOWN
JUMPER TERMINAL 1 TO 4 AND
2 TO 5 AND SET W1=4 AND W2=1
TO ELIMINATE TEMPERATURE
OFFSET CAUSED BY IUN INPUT
FUSING.
THIS COMPENSATION IS NOT
REQUIRED WITH THE FM-IUN101-1.
DCM-4 AI-1
OA-T
SF-1
AND
DCM-4 AI-2
MA-T
SF-1
AND
DCM-4 AI-5
RA-T
SF-1
AND
DCM-4 AI-6
SA-T
SF-1
AND
DCM-4 AI-7
~~MAIN FLOOR~~
SF-1/Basement
AND
DCM-4 AI-8
~~2ND FLOOR~~
SF-1/Ground
TEMPERATURE MONITORING
(TYPICAL OF 6 - REFER Dwg. 1501-37)
H
N
FAN SF-1
120VAC CONTROL CIRCUIT
HAND
OFF
AUTO
METASYS
LATCHING BINARY OUTPUT
NO
NC
COM
OLs
MAG
600VAC 3 Ph
L1
L2
L3
T1
T2
T3
FAN
MOTOR
GREYSTONE
D100AC-NO
CURRENT SENSOR
BLACK
BLUE
GRN
10K OHM/2W
REQUIRED TO MATCH
METASYS BI IMPEDANCE
TO GREYSTONE CURRENT
SENSOR
-LOCATED IN M.C.C.
METASYS
BINARY INPUT "B"
SWITCH = V
JUMPERS FOR
FM-IUN (IF USED)
W1=4 W2=1
GND
TERMINAL ARRANGEMENT
FOR FAN STATUSES
WIRED TO INPUT "B"
METASYS
BINARY INPUT "A"
SWITCH = V
JUMPERS FOR
FM-IUN (IF USED)
W1=4 W2=1
GND
TERMINAL ARRANGEMENT
FOR FAN STATUSES
WIRED TO INPUT "A"
XRL-2 BI-1
SF1-S
SF-1
AND
XRL-2 BO-1
SF1-C
SF-1
S
20
FILTER
METASYS
ANALOG OUTPUT
FM-OAP101-0
FM-OAP102-0
DCM-4 AO-4
HC-VLV
SF-1
SF-1 HEAT/COOL COILS
HEATING
VALVE
COOLING
VALVE
L1
N
120/24VAC
TRANSFORMER
VALTRONICS
2088
0-2000 PPM
4-20 MA
24VAC
DCM-4 AI-4
~~CO2RA~~
SF-1/CO2-RA
WHT
BLK
250
OHM
METASYS
ANALOG INPUT
SWITCH = V
JUMPERS FOR
FM-IUN
W1=4 W2=3
H
N
KITCHEN EXHAUST FAN STATUS
120VAC CONTROL CIRCUIT
ON
OFF
MAG
OLs
600VAC 3 Ph
L1
L2
L3
T1
T2
T3
FAN
MOTOR
GREYSTONE
D100AC-NO
CURRENT SENSOR
10K OHM/2W
REQUIRED TO MATCH
METASYS BI IMPEDANCE
TO GREYSTONE CURRENT
SENSOR
-LOCATED IN M.C.C.
TERMINAL ARRANGEMENT
FOR FAN STATUSES
WIRED TO INPUT "A"
XRL-2 BI-7
KEF-S
SF-1
METASYS
BINARY INPUT "A"
SWITCH = V
JUMPERS FOR
FM-IUN (IF USED)
W1=4 W2=1
GND
LEGEND
n EXISTING M.C.C. TERMINALS
n METASYS BASEFRAME TERMINALS
METASYS
BASEFRAME
TERMINAL
NUMBERING
BAYS 1 THRU 5
METASYS BASEFRAME
TERMINAL NUMBERING
BAYS 6 THRU 9
METASYS
BASEFRAME
TERMINAL
NUMBERING
BAYS 10 THRU 14
S
20
FILTER
METASYS
ANALOG OUTPUT
FM-OAP101-0
FM-OAP102-0
DCM-4 AO-1
MA-DMP
SF-1
O/A
R/A
E/A
EXISTING
HONEYWELL
ACTUATORS
SF-1 DAMPERS
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DRAWING TITLE
SF1 WIRING DETAILS
PROJECT
WINNIPEG TRANSIT
ADMINISTRATION AND G SECTION
METASYS FACILITY
MANAGEMENT SYSTEM
FILE: SF1WIRE
1 AS BUILT 06/10/92 CW
REFERENCE DRAWING NO. REVISION-LOCATION ECN DATE BY
SALES ENGR BH
PROJECT MGR RC
APPL. ENGR RC
DRAWN BY CW DATE 10/10/91
APPROVED BY DATE
JOHNSON CONTROLS
Systems & Services Division
JOHNSON CONTROLS LTD
600 MORAY STREET
WINNIPEG, MANITOBA
R3J 3V9
204-885-9360
CONTRACT NUMBER
91098-5006
DRAWING NUMBER
1501-38