

120 VAC Neutral

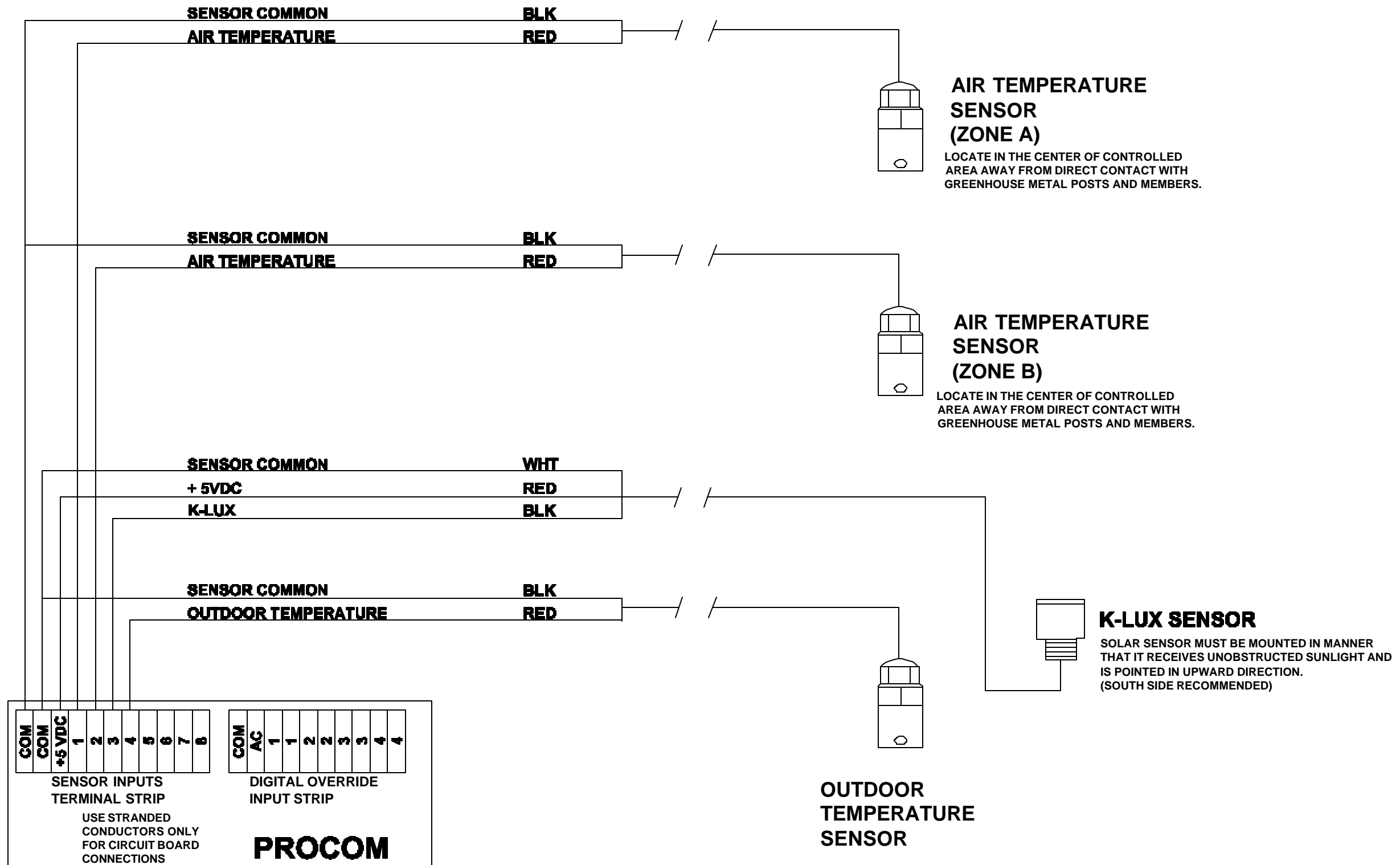
120 VAC Circuit

Procom
Computer

Contactor Box

run wires into contactor
box and leave
unconnected 18" length

Alarm Wiring

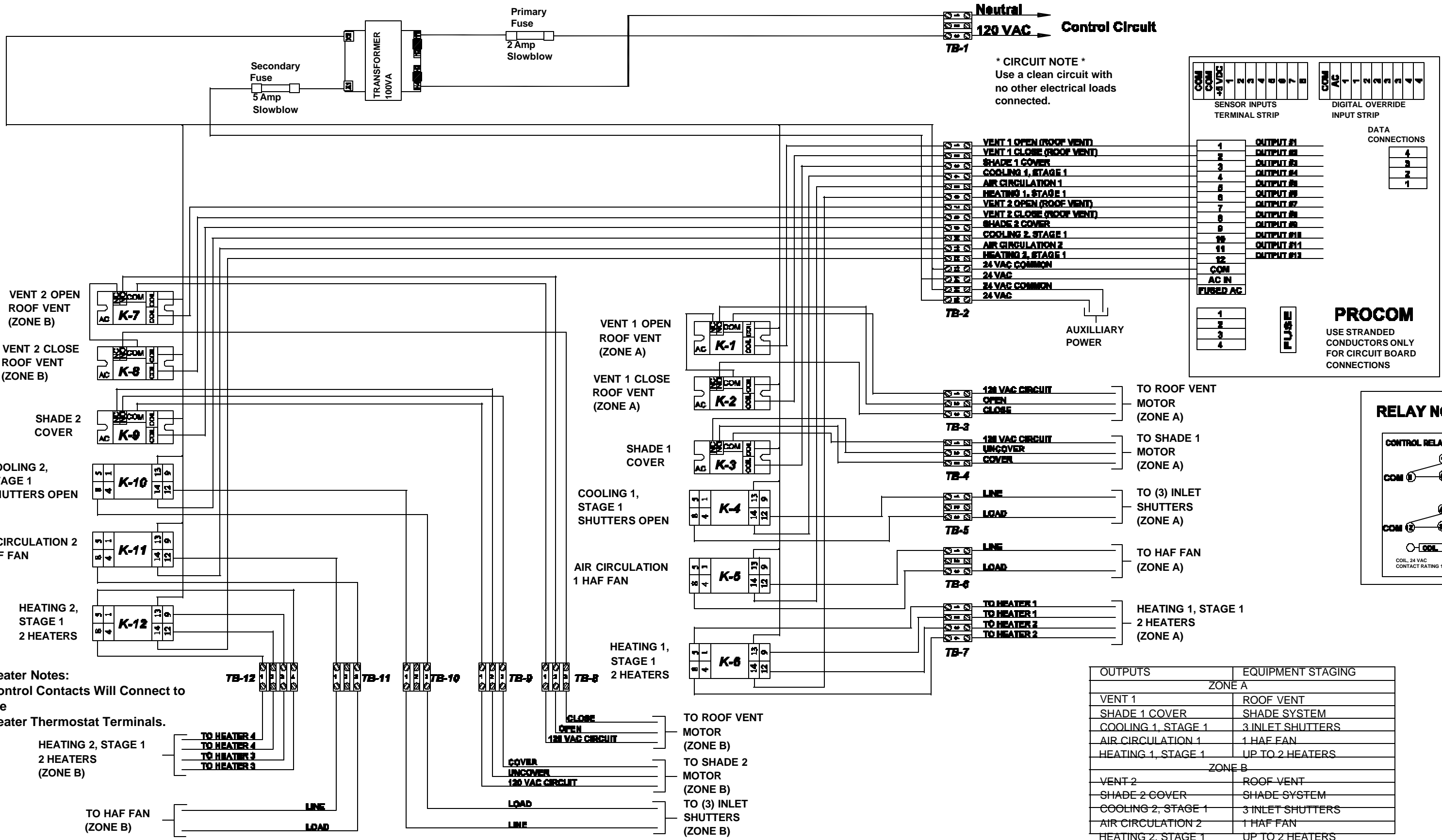


SENSOR INPUTS 2 ZONES



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| | | | | |
|------------------------------------|----------------|------------------------|-------------|---------------|
| PROJECT NAME: | | | | |
| U.W. FOND DU LAC GREENHOUSE | | | | |
| JF | 8/16/00 | WISCONSIN SOLAR | 3262 | 2 OF 3 |
| DRAWN BY | DATE | DISTRIBUTOR | ID # | PAGE |

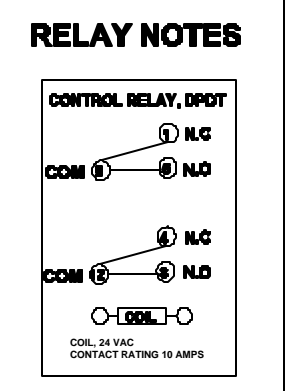


*** CIRCUIT NOTE ***
Use a clean circuit with no other electrical loads connected.

| SENSOR INPUTS TERMINAL STRIP | | DIGITAL OVERRIDE INPUT STRIP | |
|---------------------------------|----|---------------------------------|----|
| COM | AC | COM | AC |
| 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 |
| 9 | 9 | 9 | 9 |
| 10 | 10 | 10 | 10 |
| 11 | 11 | 11 | 11 |
| 12 | 12 | 12 | 12 |
| COM | | COM | |
| AC IN | | AC IN | |
| FUSED AC | | FUSED AC | |

| DATA CONNECTIONS | |
|------------------|---|
| 4 | 4 |
| 3 | 3 |
| 2 | 2 |
| 1 | 1 |

PROCUM
USE STRANDED CONDUCTORS ONLY FOR CIRCUIT BOARD CONNECTIONS



| OUTPUTS | EQUIPMENT STAGING |
|--------------------|-------------------|
| ZONE A | |
| VENT 1 | ROOF VENT |
| SHADE 1 COVER | SHADE SYSTEM |
| COOLING 1, STAGE 1 | 3 INLET SHUTTERS |
| AIR CIRCULATION 1 | 1 HAF FAN |
| HEATING 1, STAGE 1 | UP TO 2 HEATERS |
| ZONE B | |
| VENT 2 | ROOF VENT |
| SHADE 2 COVER | SHADE SYSTEM |
| COOLING 2, STAGE 1 | 3 INLET SHUTTERS |
| AIR CIRCULATION 2 | 1 HAF FAN |
| HEATING 2, STAGE 1 | UP TO 2 HEATERS |

Heater Notes:
Control Contacts Will Connect to the Heater Thermostat Terminals.

HEATING 2, STAGE 1
2 HEATERS
(ZONE B)

TO HAF FAN
(ZONE B)

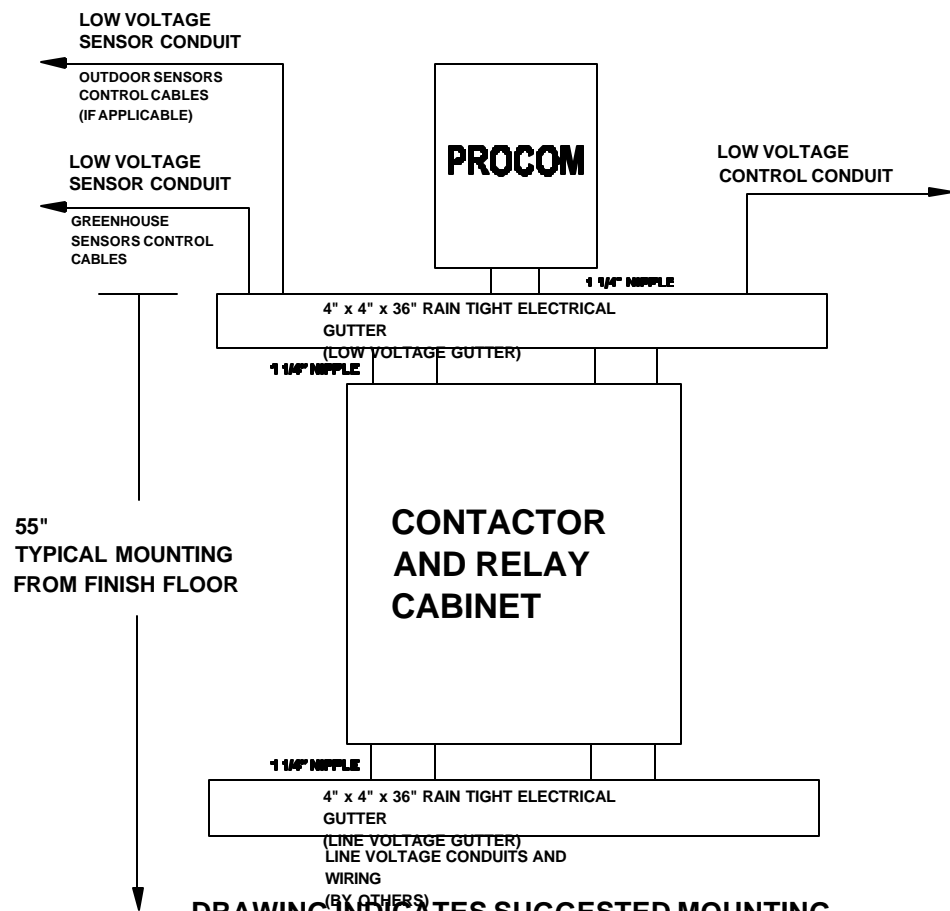
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RELAY AND CONTACTOR CABINET

| | | | | |
|----------------------|-------------|------------------------------------|-------------|-------------|
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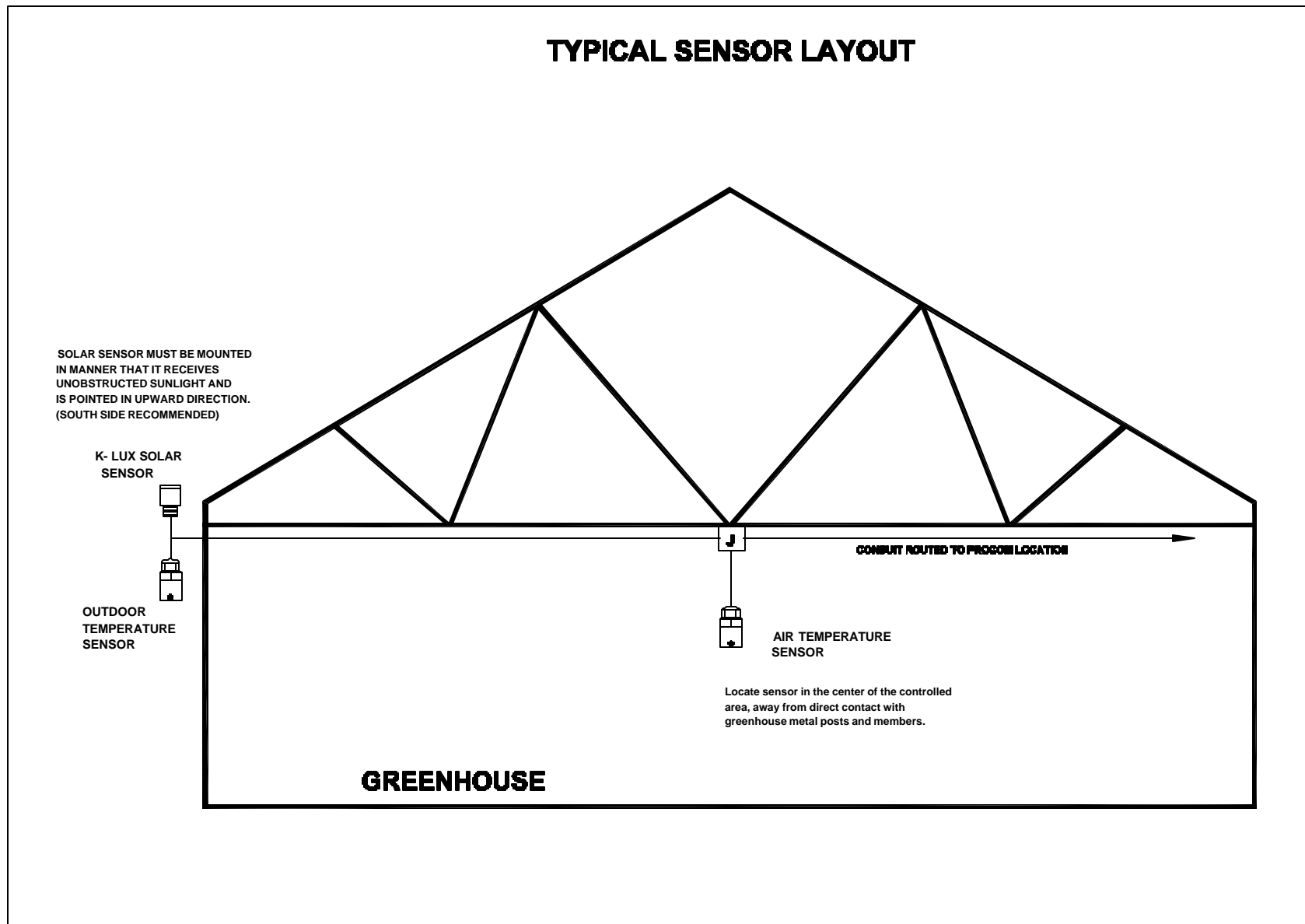
GENERAL NOTES:

- A. Use stranded copper conductors only, when connecting to the control circuit boards.
- B. Use rain tight grade wiring minimum NEMA 3R. Follow all local and national electrical codes.
- C. Install overload protection and motor disconnecting means as required.
- D. These diagrams are not intended to be a bid document or specification.
- E. Field verify all equipment locations, voltages, quantities, and types.
- F. Use a single stand alone control circuit for the control transformer(s).
- G. Locate the sensor and the data cable wiring away from any line voltage wiring that may cause interference.



DRAWING INDICATES SUGGESTED MOUNTING ONLY. BE SURE TO COMPLY WITH ALL LOCAL AND NATIONAL ELECTRICAL CODES FOR HIGH AND LOW VOLTAGE SEPARATION.

TYPICAL SENSOR LAYOUT



TYPICAL MOUNTING

PROJECT NAME: U.W. - FOND DU LAC GREENHOUSE

| | | | | |
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