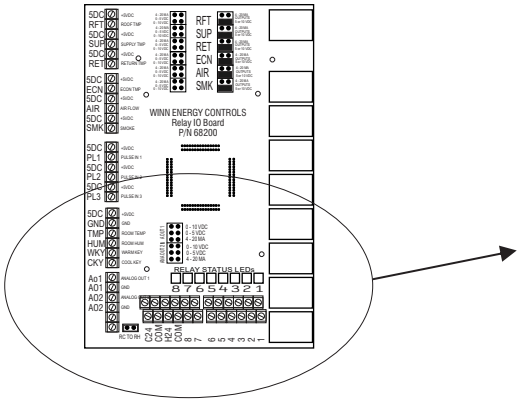
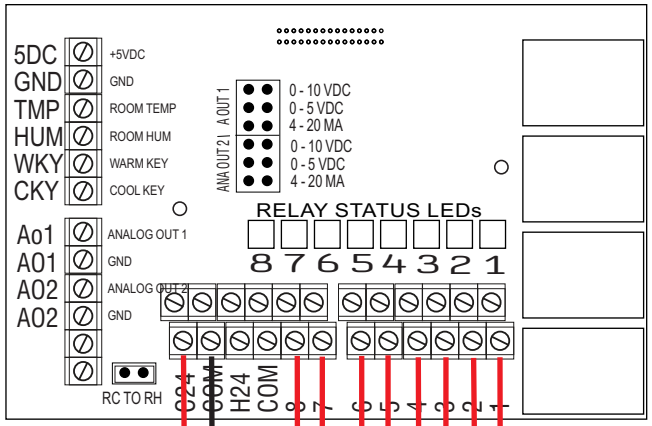
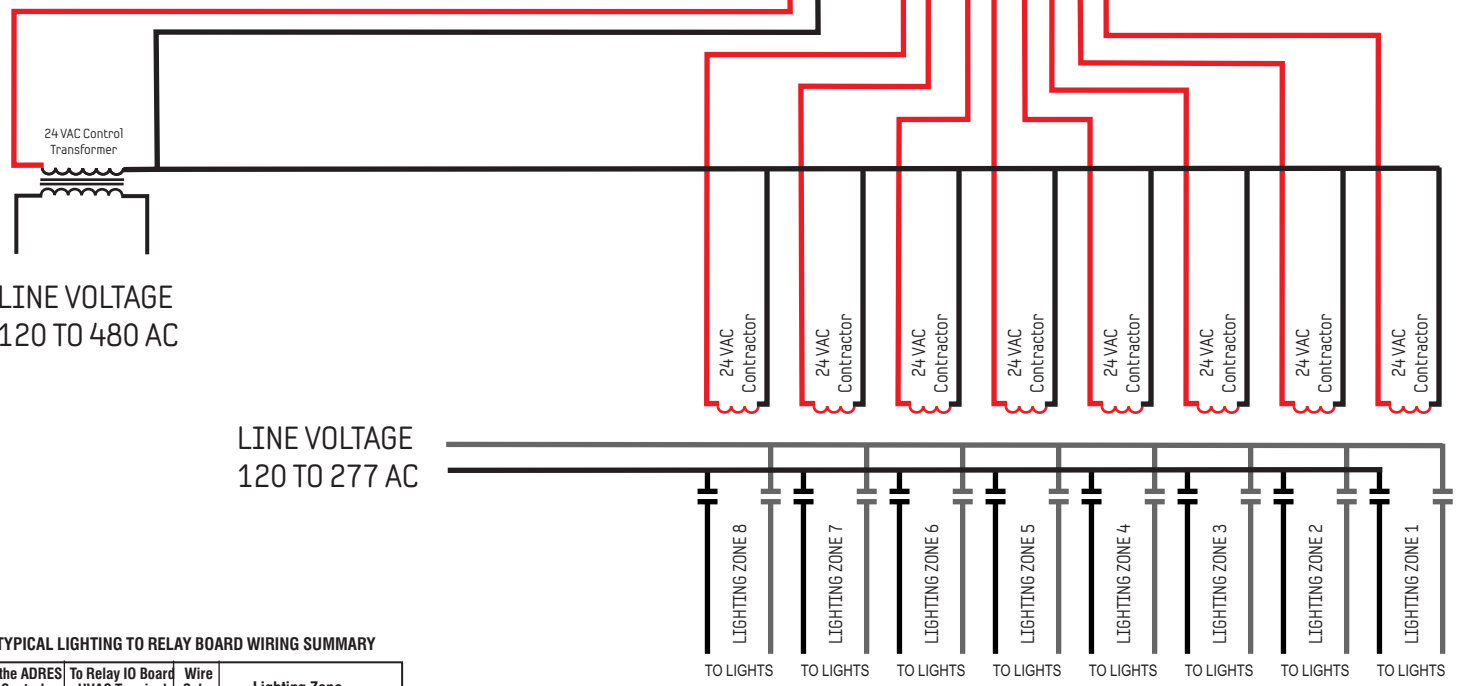
Revisions			
Ltr	Description	Date	Appr'd
N/C	Recommended Installation	4/12/14	RM







TYPICAL LIGHTING TO RELAY BOARD WIRING SUMMARY

At the ADRES Control	To Relay IO Board HVAC Terminal	Wire Color	Lighting Zone
R	RH and RC	RED	24VAC
C	C	BLK	24VAC Common
8	Hs1	RED	Lighting Zone 8
7	Hs2	RED	Lighting Zone 7
6	Cs1	RED	Lighting Zone 6
5	Cs2	RED	Lighting Zone 5
4	Cs3	RED	Lighting Zone 4
3	Cs4	RED	Lighting Zone 3
4	FAN	RED	Lighting Zone 2
3	ECN	RED	Lighting Zone 1

WEC Approved

Project	Date
Design	Date
Check	Date
Draft	Date
WEC Project Number	
Customer Identification Number	
Customer	

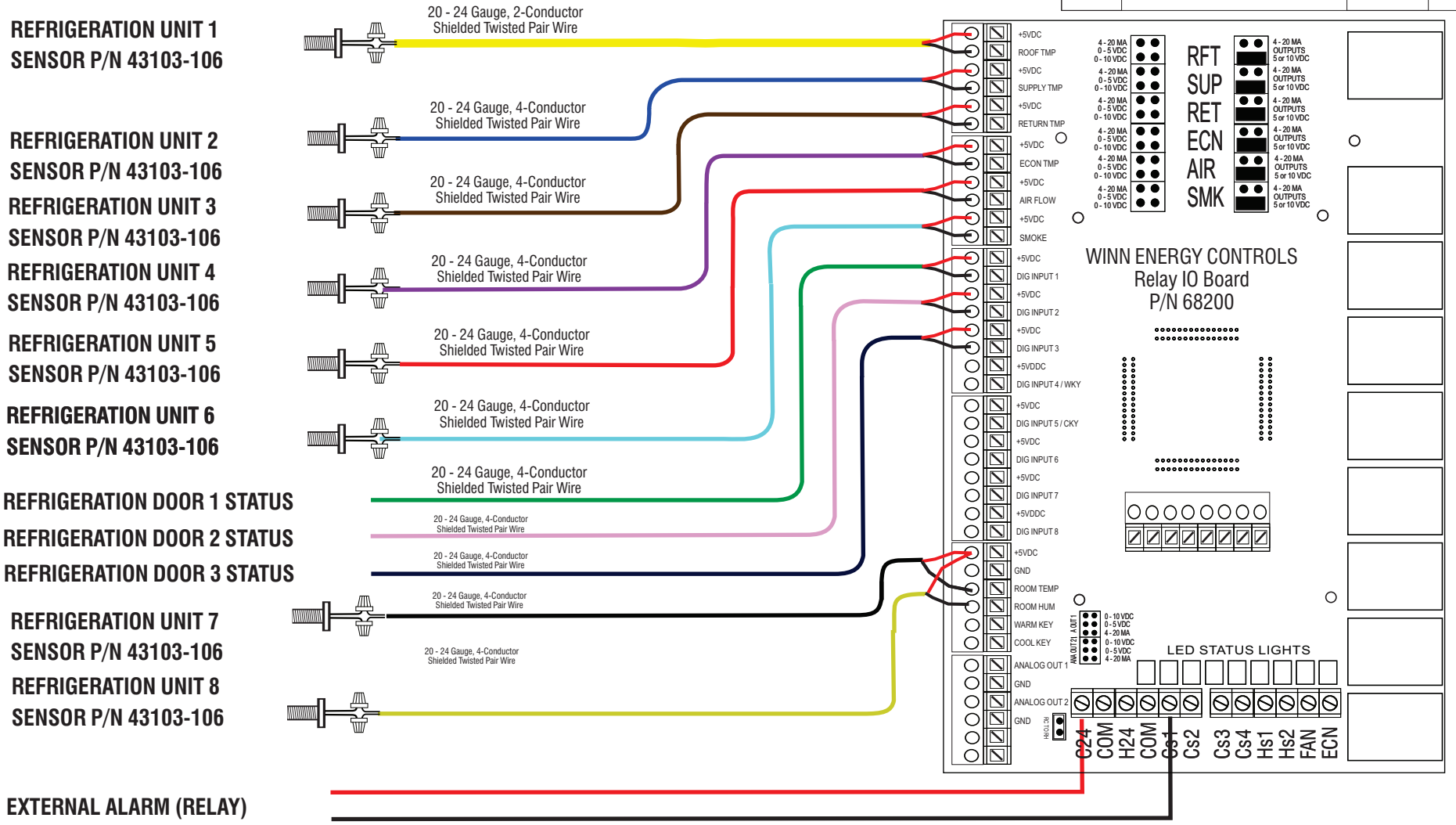
ADRES Lighting Control Typical Wiring Diagram

Winn Energy Controls, Inc.

Drawing Number	Scale	Revision
LGT WD-01		

Refrigeration Temp Monitor Wiring Diagram (DRAFT)

Revisions			
Ltr	Description	Date	Appr'd
N/C	Recommended Installation	1/18/18	RW

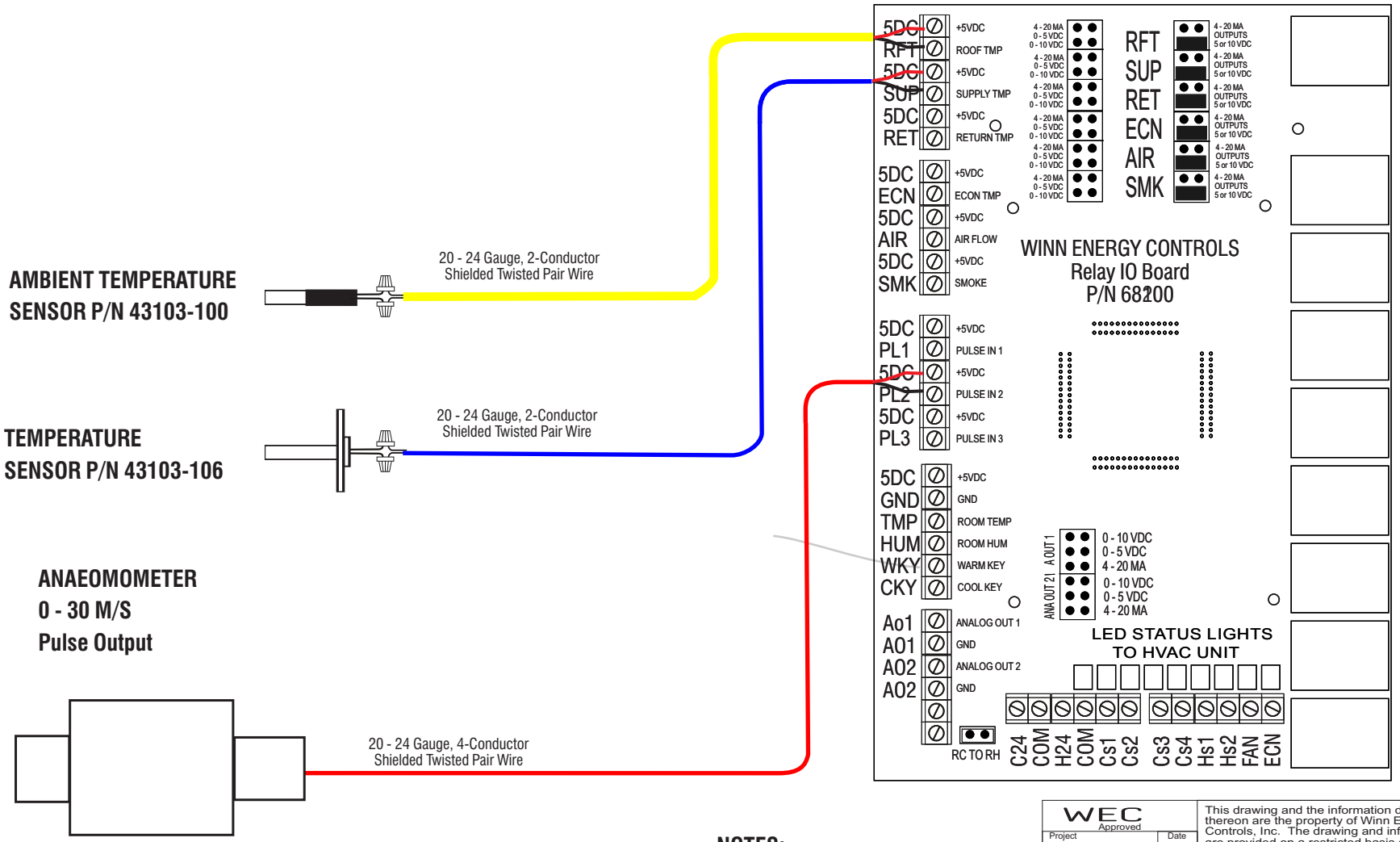


NOTES:

1. **Representative Analog, Digital, and Relay Control Wiring Diagram.**
2. **Draft for Proposal Purposes.**

WEC Approved		This drawing and the information disclosed thereon are the property of Winn Energy Controls, Inc. The drawing and information are provided on a restricted basis and are not to be used in any way detrimental to WEC.
Project: R. Winn	Date: 1/18/18	**Refrigeration Monitoring and External Alarm Wiring Diagram**
Design	Date	
Check	Date	
Draft	Date	
WEC Project Number		Winn Energy Controls, Inc.
Customer Identification Number		Drawing Number: DWG-SNR-1
Customer		Scale / Revision

Revisions			
Ltr	Description	Date	Appr'd
N/C	Recommended Installation	6/06/02	RW



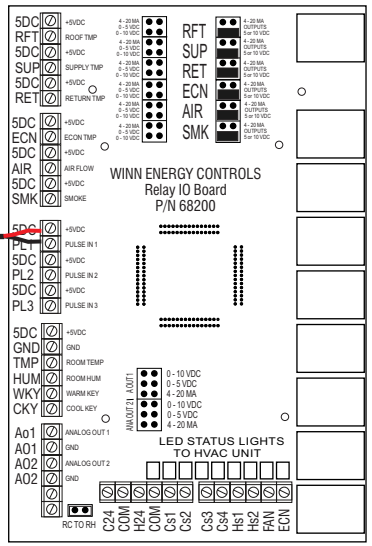
NOTES:

1. **Representative Analog Input Channel Wiring.**

WEC Approved		This drawing and the information disclosed thereon are the property of Winn Energy Controls, Inc. The drawing and information are provided on a restricted basis and are not to be used in any way detrimental to WEC.
Project: R. Winn	Date: 6/6/02	**PrimoWind Installation Wiring Diagram Analog Sensors Wind Speed and Temperatures**
Design	Date	
Check	Date	
Draft	Date	
WEC Project Number		Winn Energy Controls, Inc.
Customer Identification Number		Drawing Number: DWG-SNR-1
Customer		Scale / Revision

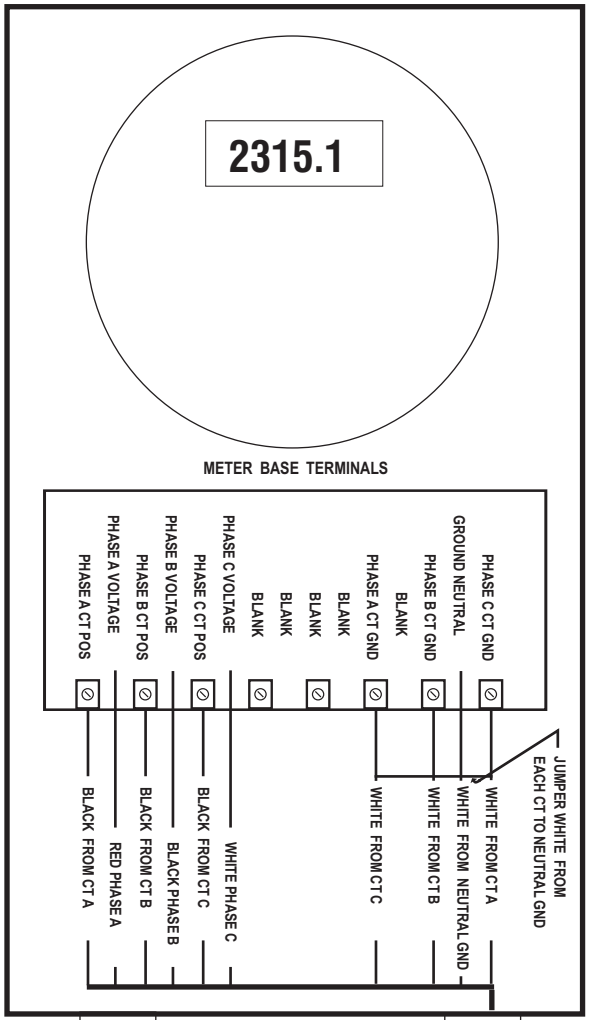
Revisions			
Ltr	Description	Date	Appr'd
N/C	Recommended Installation	6/06/02	RW

ADRES Relay Board 68200



Note: Do Not Power Up the Electric Meter Without All Connections Including the Pulse Output Connected to the ADRES Relay IO Board.

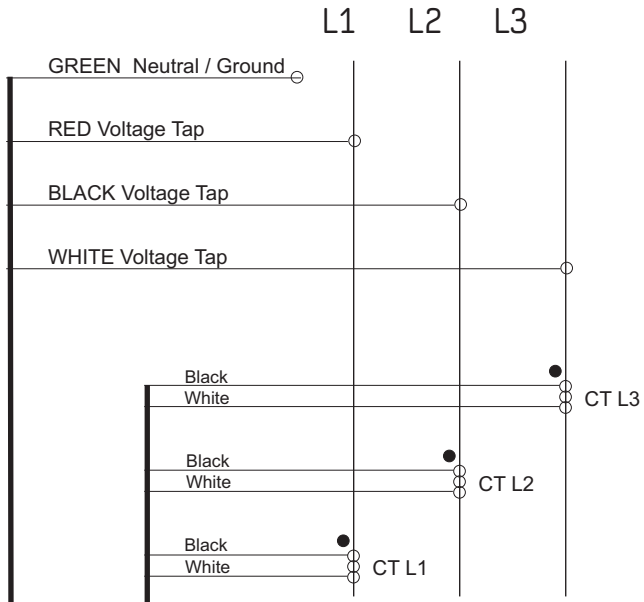
Electric Meter P/N 44200-200



Single Two Conductor Cable Goes to ADRES Relay IO Board Digital Input 1 to Transmit Pulses

Two Cables One with Three Cts for Current One with Four Wires for Voltage at the Load Side of Submetered Load Main Power

480 VAC 3 Phase Power



Notes

1) This drawing outlines the recommended installation of the electric meter for submetering a 480 VAC 3 Phase Load.

2) The current transformers (Cts) should be installed with the H1 facing the load side of the input power which should have the Black lead on top of the White lead.

3) Do not power the electric meter until all connections are made including the pulse output to the ADRES Input.

WEC Approved

Project: R. Winn	Date: 6/6/02
Design	Date
Check	Date
Draft	Date
WEC Project Number	
Customer Identification Number	
Customer	

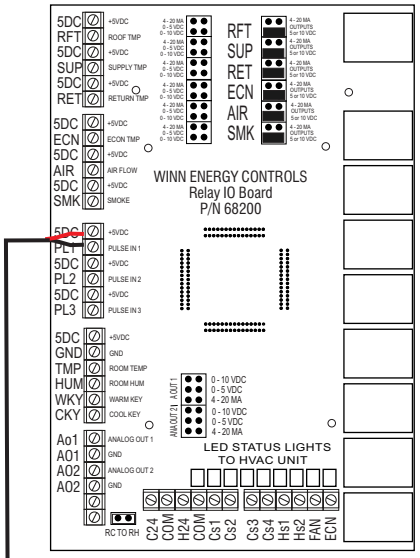
Wiring Diagram GE Kv2 or ABB Alpha+ Electric Meter Installation for Submetering.

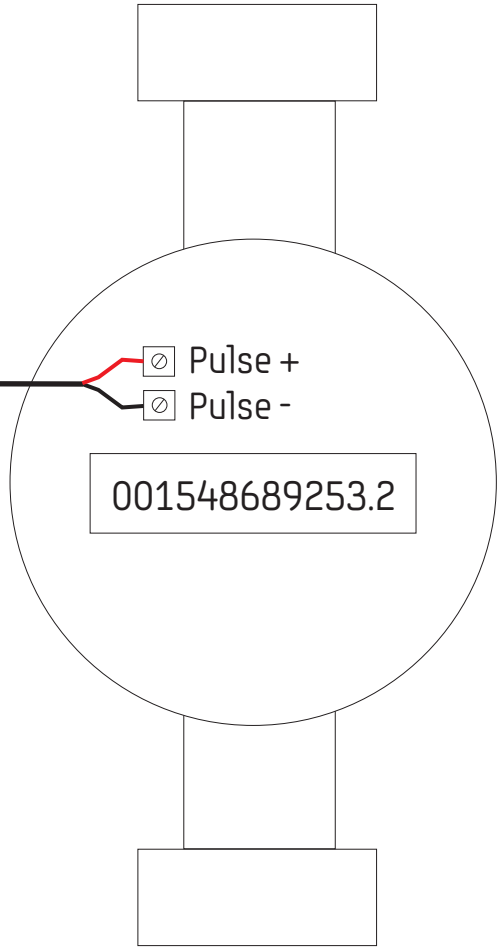
Winn Energy Controls, Inc.

Drawing Number	Scale	Revision
DWG-MTR-Alpha 1+		

Revisions			
Ltr	Description	Date	Appr'd
N/C	Recommended Installation	6/06/02	RW

ADRES Relay Board
68200





Notes

1) This drawing outlines the recommended installation of a water meter for submetering using a pulse output dry contact.

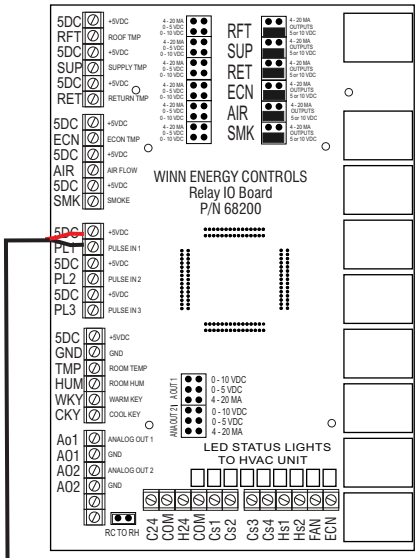
2) Do not power the watt tranducer until all connections are made including the pulse output to the ADRES relay board.

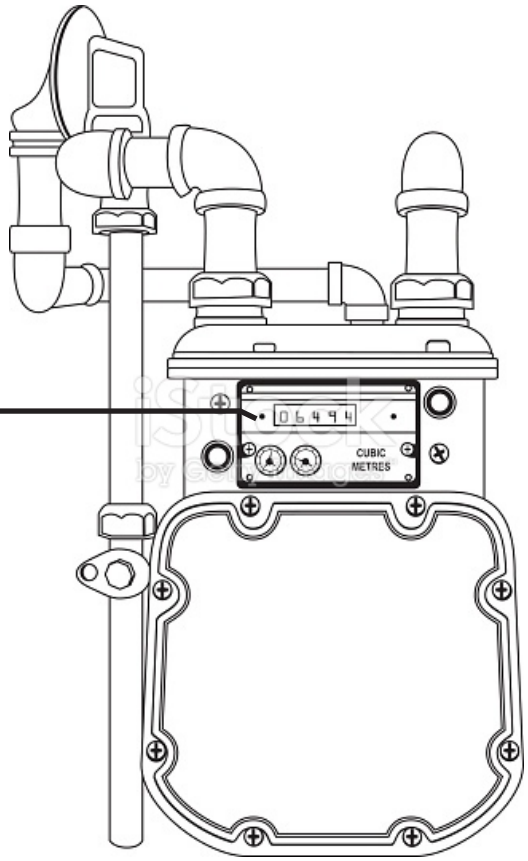
Water Meter with Pulse Output (Typical 1 Pulse = 1 Gallon)

WEC Approved		This drawing and the information disclosed thereon are the property of Winn Energy Controls, Inc. The drawing and information are provided on a restricted basis and are not to be used in any way detrimental to WEC.
Project: R. Winn	Date: 6/6/02	**Water Meter Installation Typical Wiring Diagram**
Design	Date	
Check	Date	
Draft	Date	
WEC Project Number		Winn Energy Controls, Inc.
Customer Identification Number		
Customer		Drawing Number: DWG-MTR-WATER; Scale; Revision

Revisions			
Ltr	Description	Date	Appr'd
N/C	Recommended Installation	6/06/02	RW

ADRES Relay Board
68200





Typical Residential Natural Gas Meter

(1 Cubic Feet of Natural Gas = 1 Pulse Count)

Notes

1) This drawing outlines the recommended installation of a natural gas meter for submetering using a pulse output dry contact.

2) Do not power the watt tranducer until all connections are made including the pulse output to the ADRES relay board.

WEC Approved		This drawing and the information disclosed thereon are the property of Winn Energy Controls, Inc. The drawing and information are provided on a restricted basis and are not to be used in any way detrimental to WEC.
Project: R. Winn	Date: 6/6/02	
Design	Date	**Residential Natural Gas Meter Installation Typical Wiring Diagram**
Check	Date	
Draft	Date	
WEC Project Number		Winn Energy Controls, Inc.
Customer Identification Number		
Customer	Drawing Number: DWG-MTR-NG	Scale / Revision