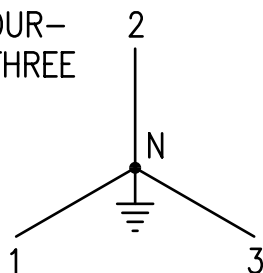


## SKETCHES, DETAILS AND FORMS - 08/23 (Rev 11/13/13)

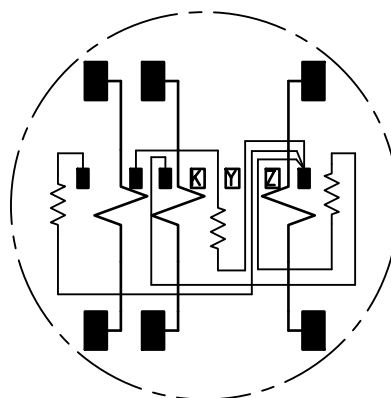
<b>SKETCH NUMBER</b>	<b>TITLE</b>
E-M101	Form 9S - Typical Wye Configuration With Single-Ratio CT's and Without PT's
E-M102	Form 9S - Typical Wye Configuration With Dual-Ratio CT's and Without PT's
E-M103	Form 9S - Typical Wye Configuration With Multi-Ratio CT's and Without PT's
E-M104	Form 9S - Typical Wye Configuration With 10 Pole Test Switch
E-M105	Form 9S - Typical Delta Configuration Without PT's
E-M106	Form 2S - Typical
E-M107	Form 5S - Typical
E-M108	Form 6S - Typical
E-M110	Form 9S - Typical Wye Configuration With Single-Ratio CT's and With PT's
E-M111	Form 9S - Typical Wye Configuration With Dual-Ratio CT's and With PT's
E-M112	Form 9S - Typical Wye Configuration With Multi-Ratio CT's and With PT's
E-M113	Form 9S - Typical Delta Configuration With PT's
E-M201	Inside Meter Installation - Typical
E-M202	Outside Meter Installation on Wall - Preferred Distance to Gas Meter
E-M203	Outside Meter Installation on Wall - Acceptable Distance to Gas Meter
E-M204	Single Phase Self Contained Meters Residential Service: 0-600 Volts, Enclosed Installation
E-M205	Single Phase Self Contained Meters Residential Service: 0-600 Volts, Semi-Flush Installation
E-M206	Meter Cabinet Enclosure Clearances: 0-600 Volts

<b>FORMS</b>	<b>TITLE</b>
E-S1	Building Meter Installation Sheet Per Building ( See Excel file also)
E-S2	Electricity Meter Installation Schedule - Large Project (See Excel file also)
E-S3	Electricity Meter Data Schedule - Large Project (See Excel file also)
E-S4	Sample Contract Data Requirements List (CDRL)- Blank (3 Pgs)
E-S5	Sample Contract Data Requirements List (CDRL)- Example (3 Pgs)

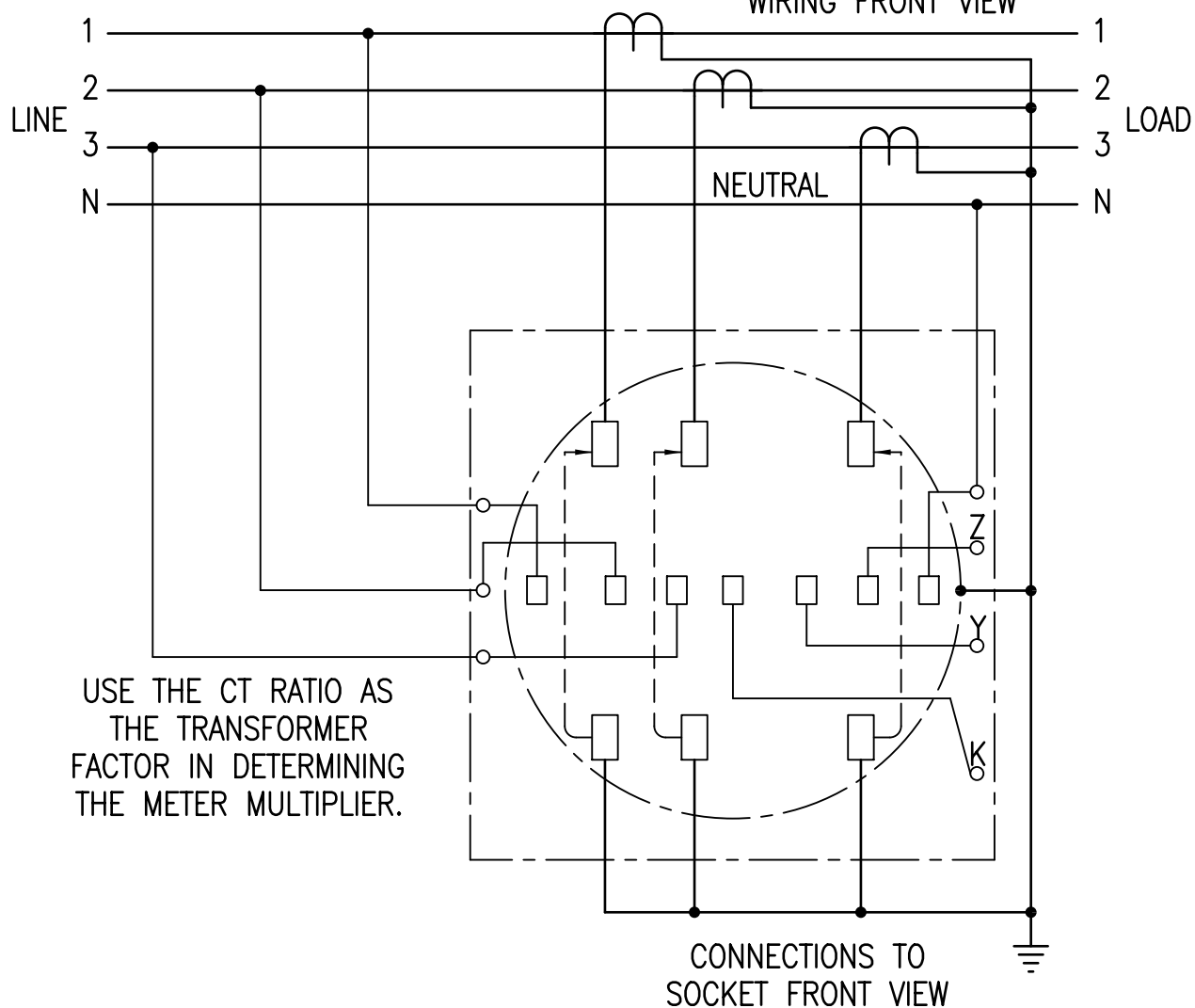
THREE-PHASE FOUR-  
WIRE WYE WITH THREE  
CT'S



FORM 9S



METER INTERNAL  
WIRING FRONT VIEW



FORM 9S – TYPICAL WYE CONFIGURATION WITH SINGLE RATIO CT'S AND WITHOUT PT'S

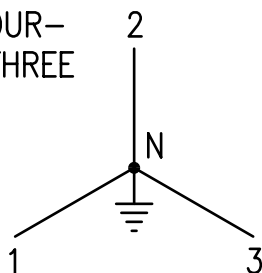
REVISED:

21 AUGUST 2007

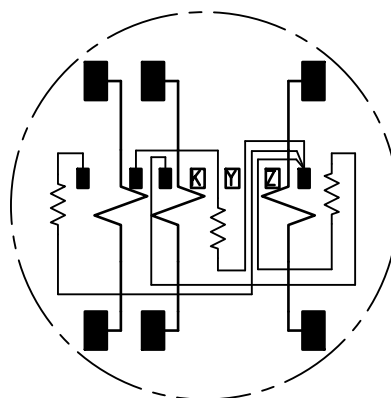
METER PLATE

E-M101

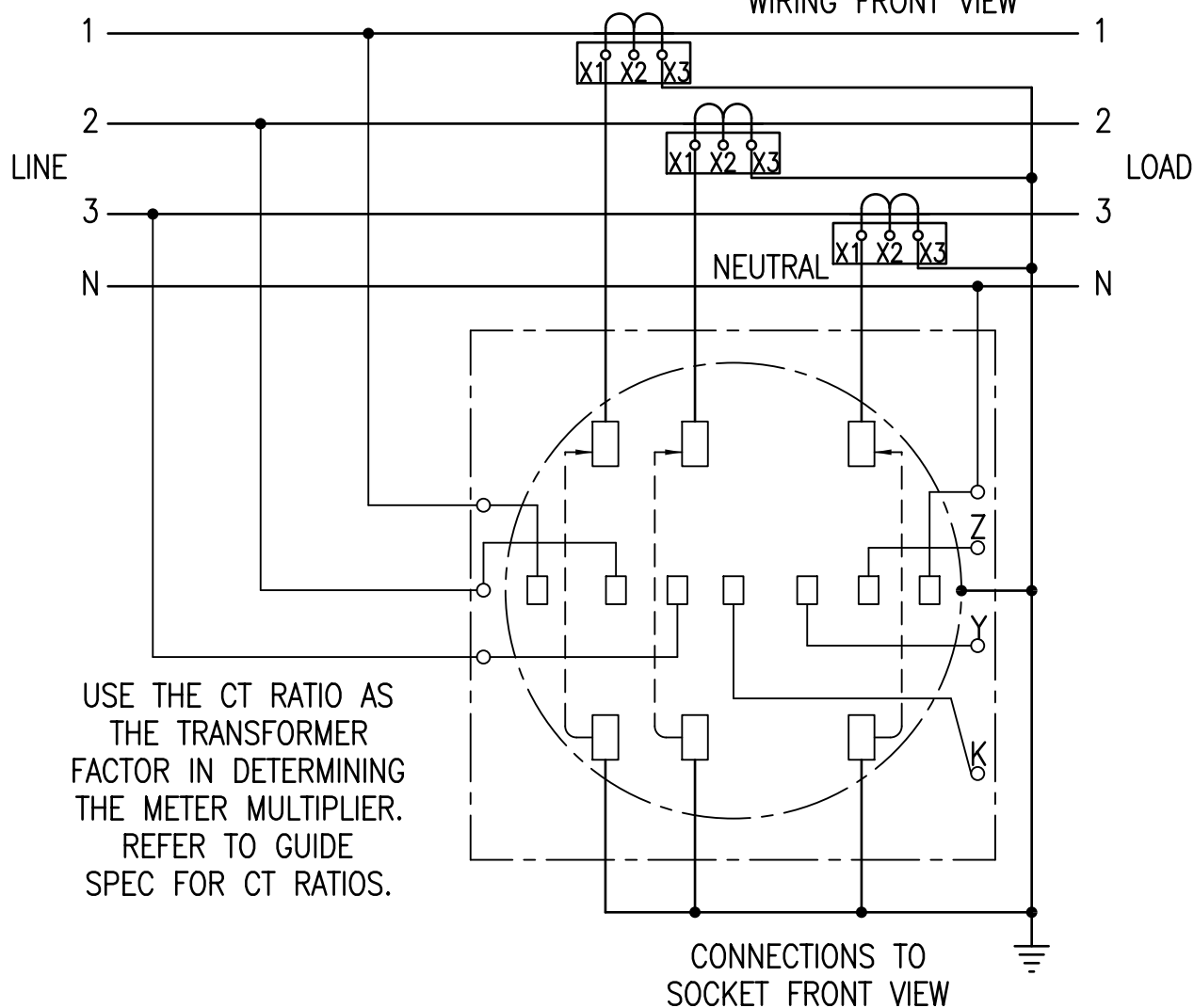
THREE-PHASE FOUR-  
WIRE WYE WITH THREE  
CT'S



FORM 9S



METER INTERNAL  
WIRING FRONT VIEW



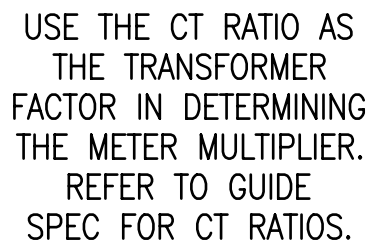
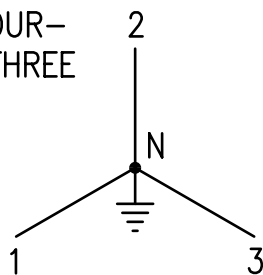
FORM 9S – TYPICAL WYE CONFIGURATION WITH DUAL-RATIO CT'S AND WITHOUT PT'S

REVISED:

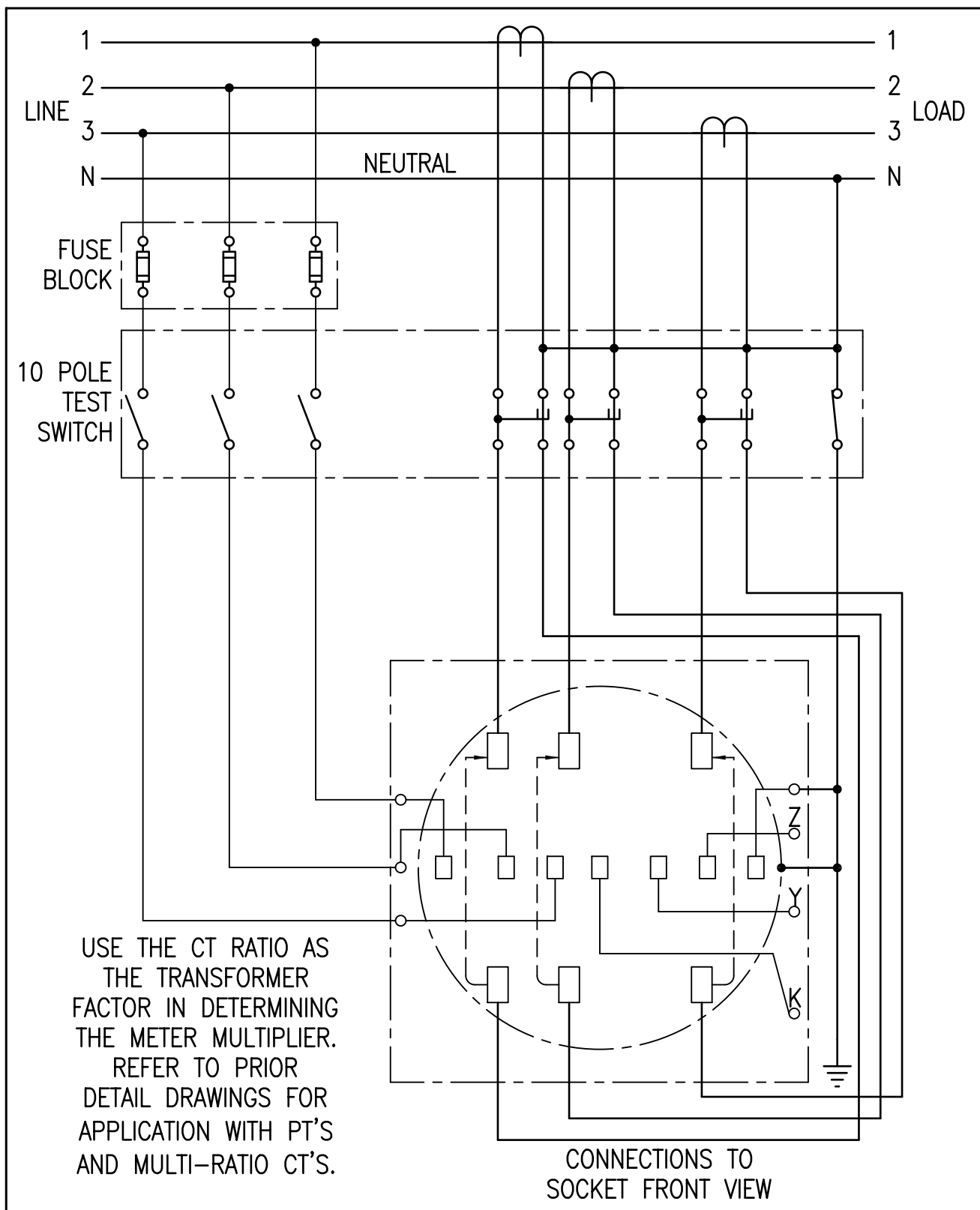
21 AUGUST 2007

METER PLATE

E-M102



E-M103



FORM 9S – BASIC WYE CONFIGURATION WITH 10 POLE TEST SWITCH

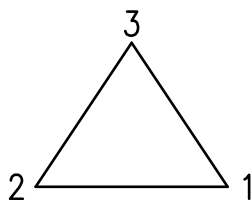
REVISED:

21 AUGUST 2007

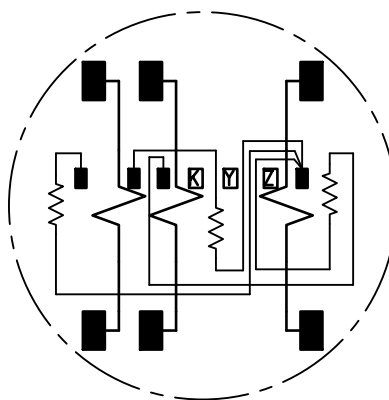
METER PLATE

E-M104

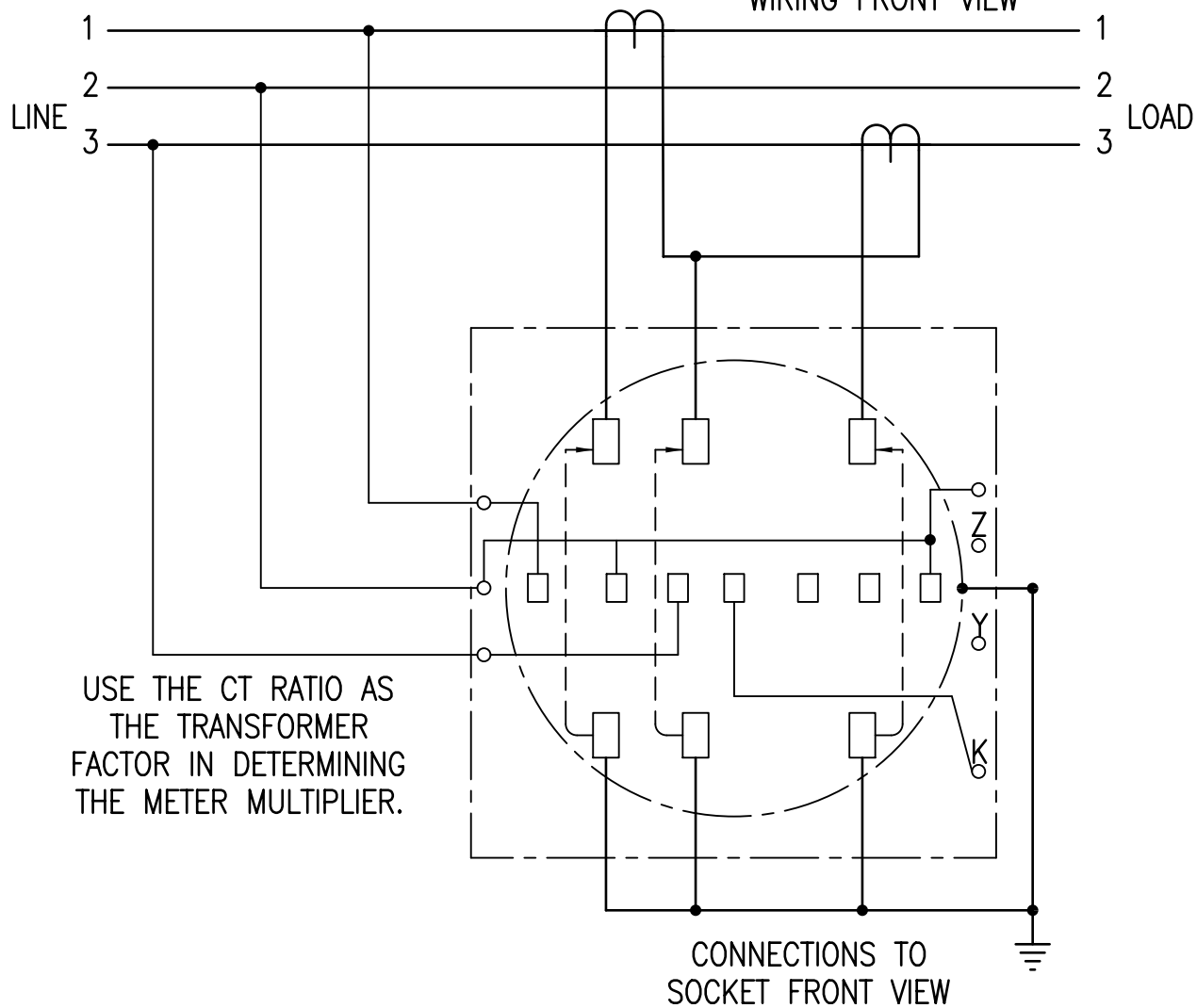
THREE-PHASE DELTA  
WITH TWO CT'S



FORM 9S



METER INTERNAL  
WIRING FRONT VIEW



USE THE CT RATIO AS  
THE TRANSFORMER  
FACTOR IN DETERMINING  
THE METER MULTIPLIER.

FORM 9S – TYPICAL DELTA CONFIGURATION WITHOUT PT'S

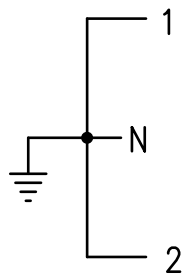
REVISED:

12 OCTOBER 2007

METER PLATE

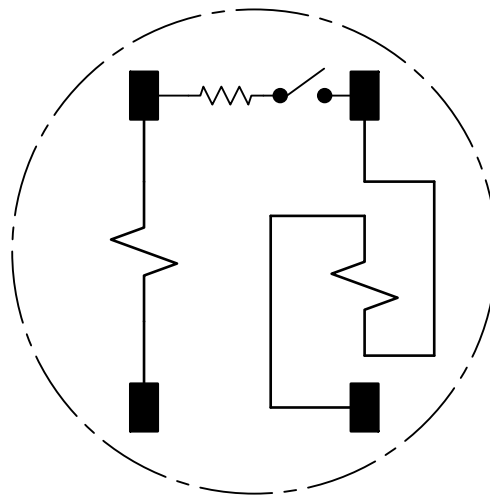
E-M105

SINGLE-PHASE  
THREE-WIRE

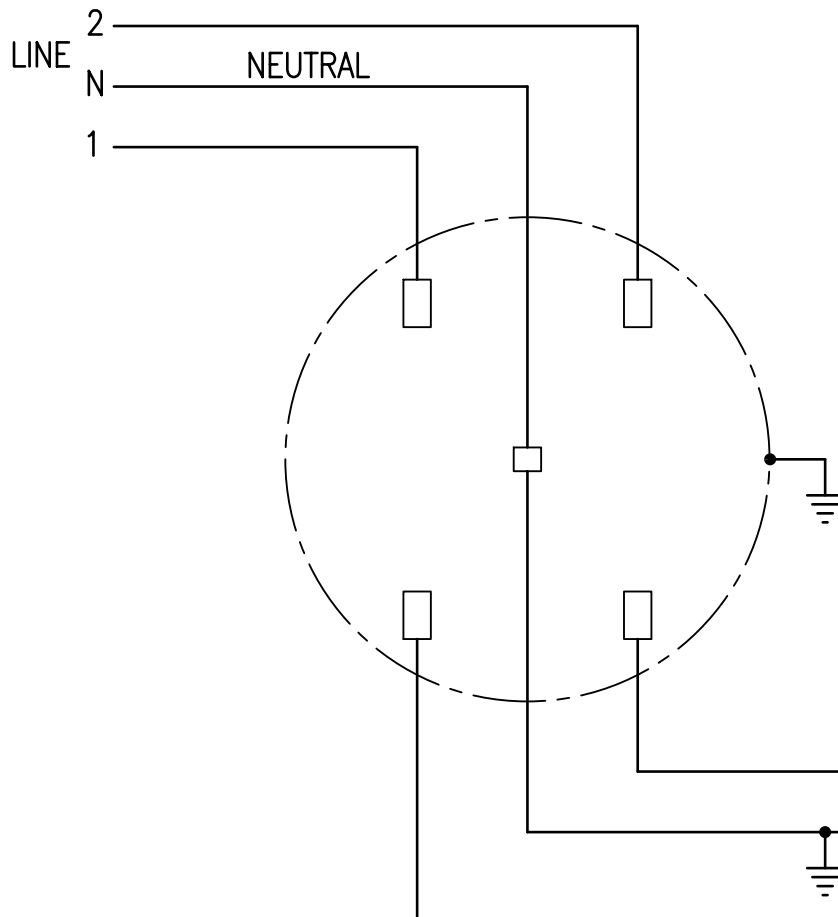


120 VOLTS  
LINE-TO-NEUTRAL  
240 VOLTS LINE-TO-LINE

FORM 2S



METER INTERNAL  
WIRING FRONT VIEW



CONNECTIONS TO  
SOCKET FRONT VIEW

FORM 2S - TYPICAL

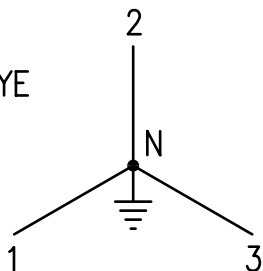
REVISED:

21 AUGUST 2007

METER PLATE

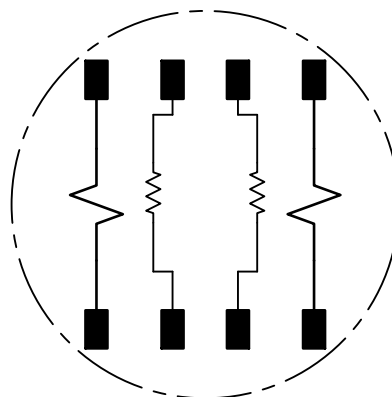
E-M106

THREE-PHASE  
FOUR-WIRE WYE  
WITH THREE  
CT'S

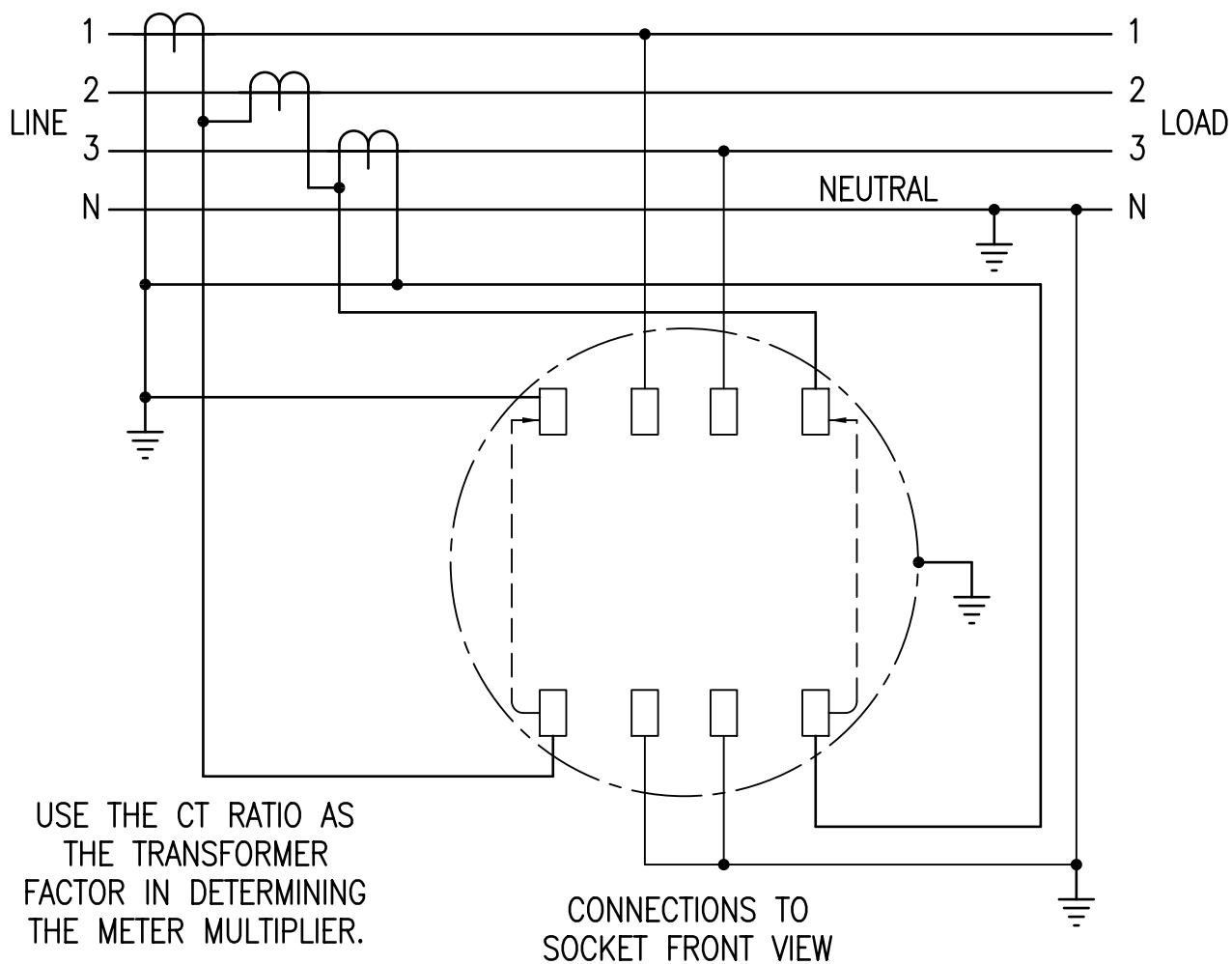


208 VOLTS LINE-TO-LINE  
120 VOLTS LINE-TO-NEUTRAL  
OR  
480 VOLTS LINE-TO-LINE  
277 VOLTS LINE-TO-NEUTRAL

FORM 5S



METER INTERNAL  
WIRING FRONT VIEW



FORM 5S – TYPICAL

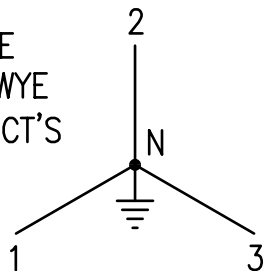
REVISED:

21 AUGUST 2007

METER PLATE

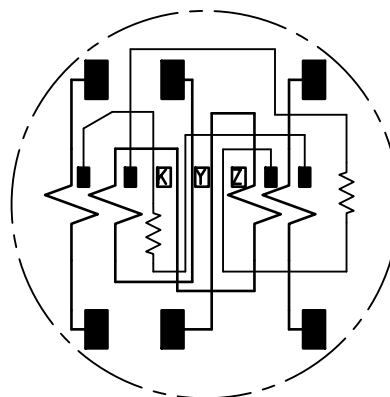
E-M107

THREE-PHASE  
FOUR-WIRE WYE  
WITH THREE CT'S

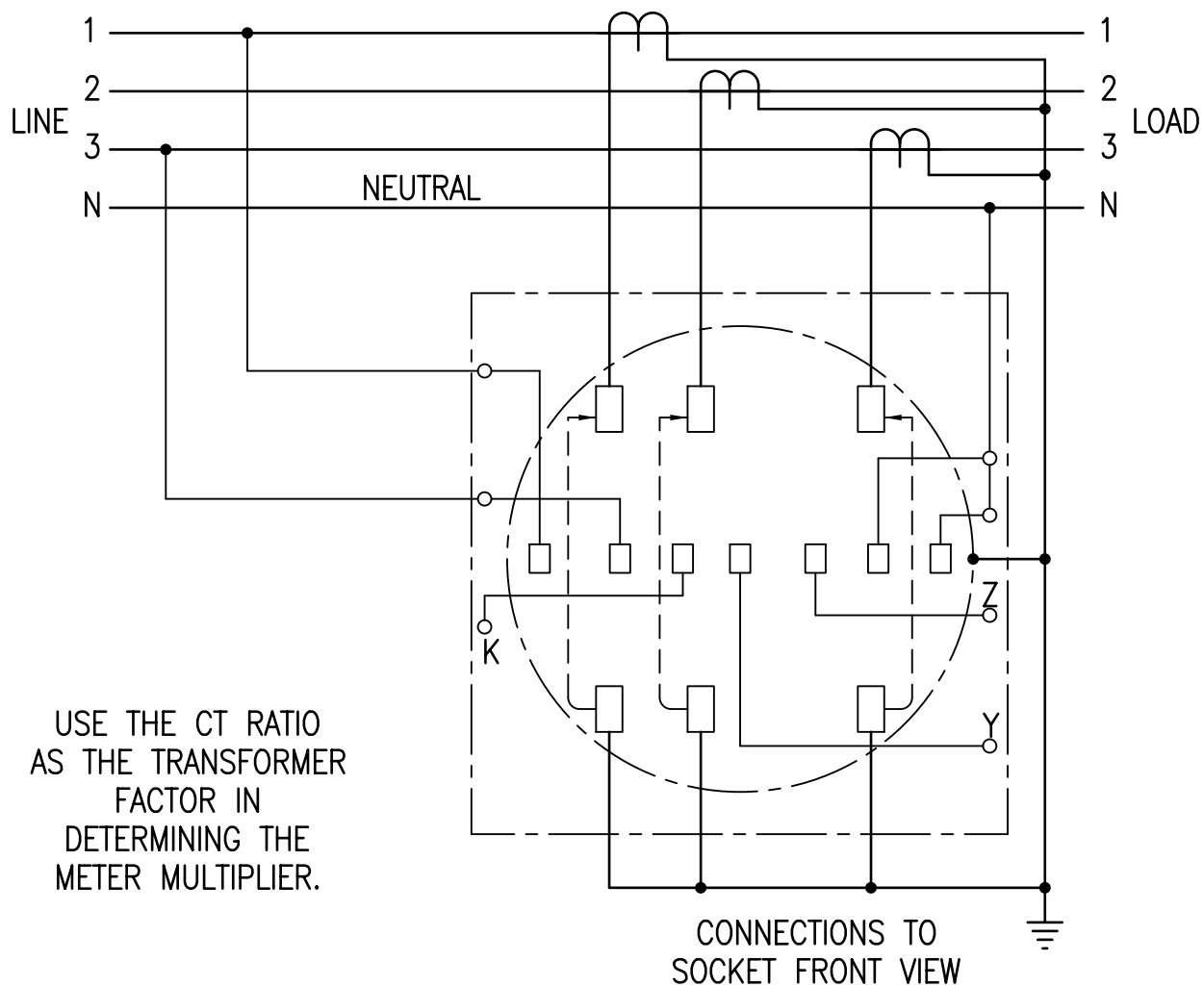


208 VOLTS LINE-TO-LINE  
120 VOLTS LINE-TO-NEUTRAL  
OR  
480 VOLTS LINE-TO-LINE  
277 VOLTS LINE-TO-NEUTRAL

FORM 6S



METER INTERNAL  
WIRING FRONT VIEW



FORM 6S – TYPICAL

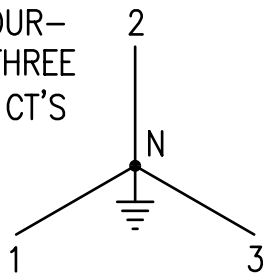
REVISED:

21 AUGUST 2007

METER PLATE

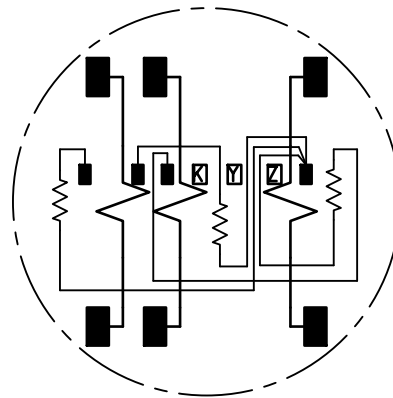
E-M108

THREE-PHASE FOUR-  
WIRE WYE WITH THREE  
PT'S AND THREE CT'S

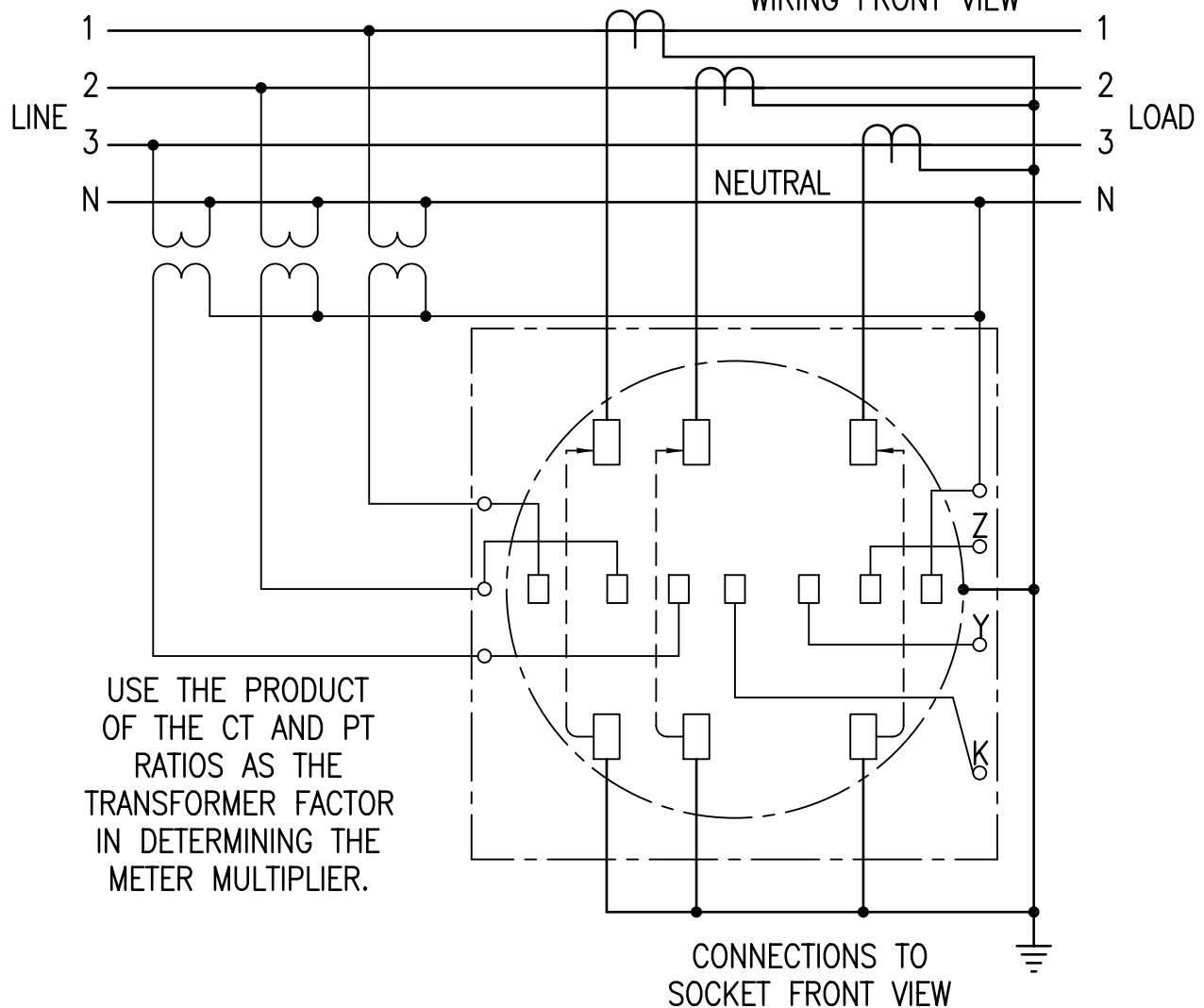


FOR HIGH VOLTAGES. THE PT'S  
APPLY REDUCED VOLTAGES TO  
THE METER.

FORM 9S



METER INTERNAL  
WIRING FRONT VIEW



FORM 9S – TYPICAL WYE CONFIGURATION WITH SINGLE-RATIO CT'S AND WITH PT'S

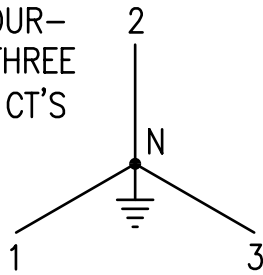
REVISED:

21 AUGUST 2007

METER PLATE

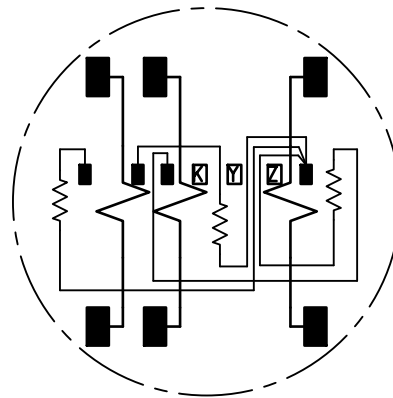
E-M110

THREE-PHASE FOUR-  
WIRE WYE WITH THREE  
PT'S AND THREE CT'S

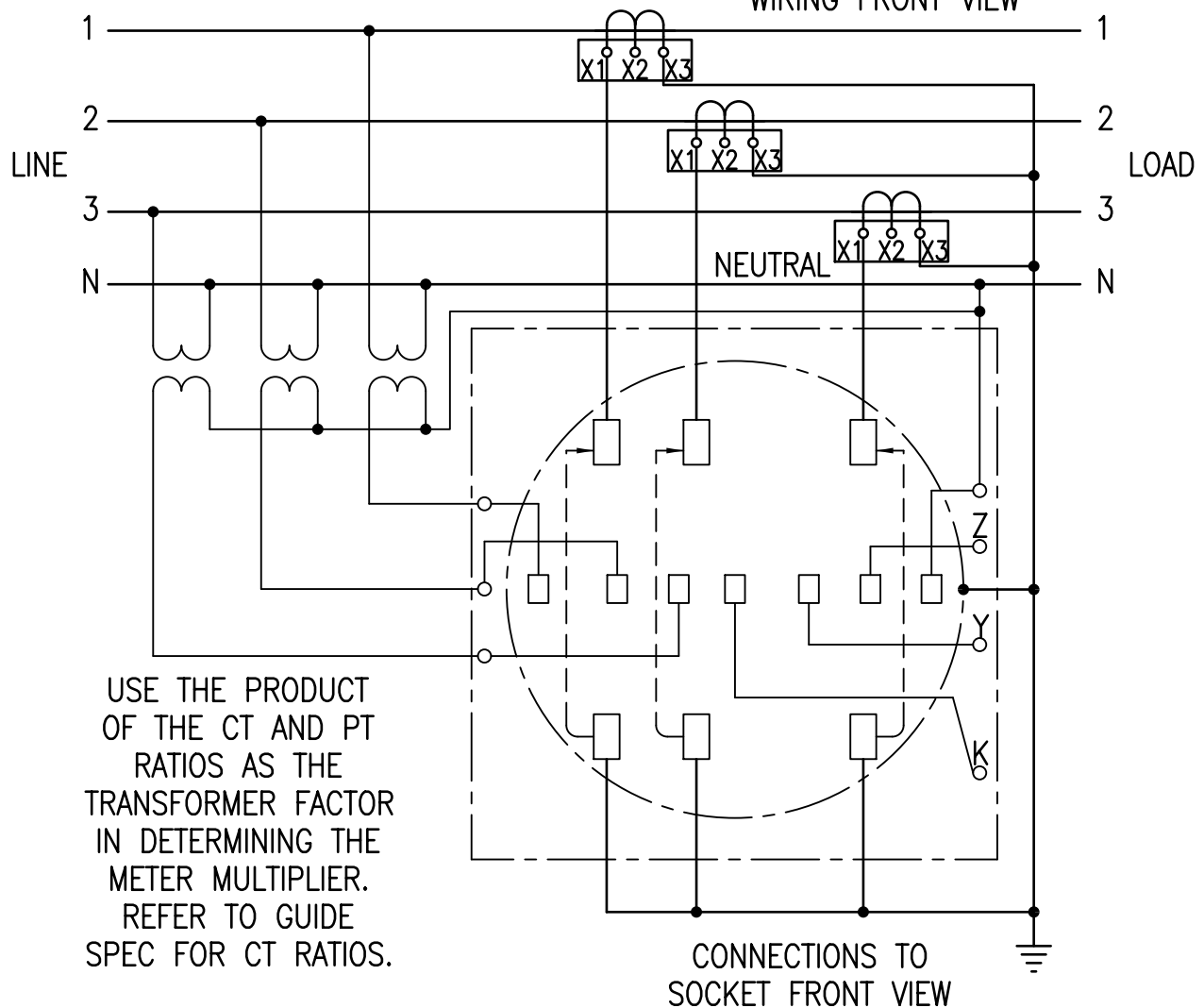


FOR HIGH VOLTAGES. THE PT'S  
APPLY REDUCED VOLTAGES TO  
THE METER.

FORM 9S



METER INTERNAL  
WIRING FRONT VIEW



FORM 9S – TYPICAL WYE CONFIGURATION WITH DUAL-RATIO CT'S AND WITH PT'S

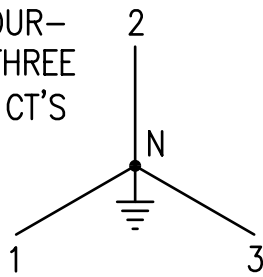
REVISED:

21 AUGUST 2007

METER PLATE

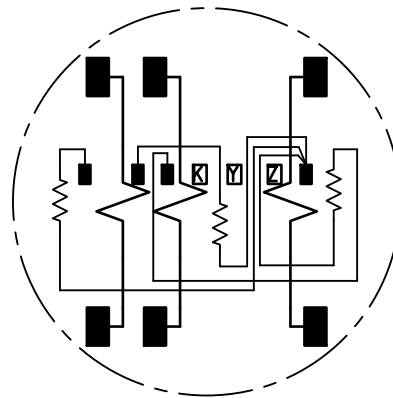
E-M111

THREE-PHASE FOUR-  
WIRE WYE WITH THREE  
PT'S AND THREE CT'S

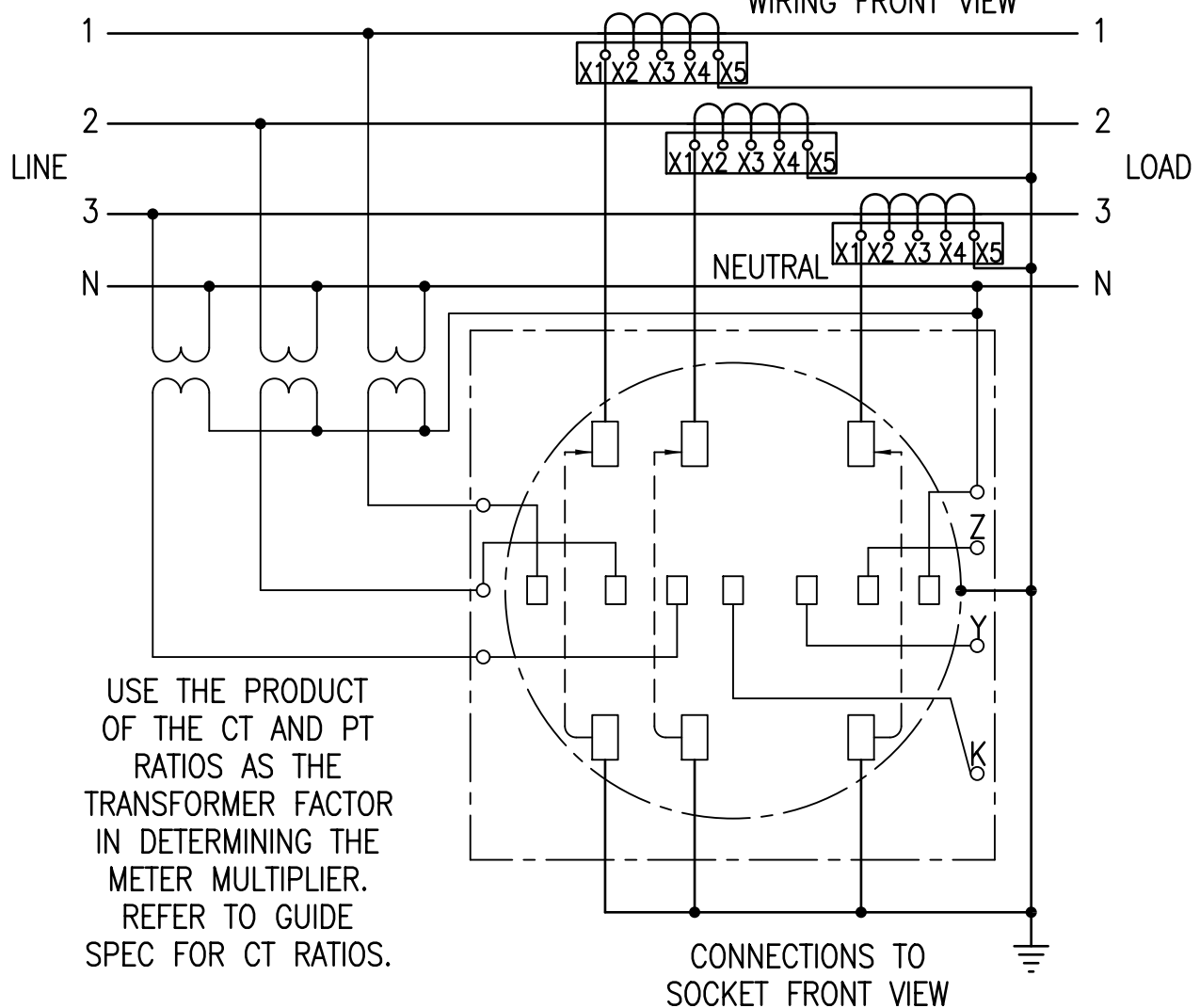


FOR HIGH VOLTAGES. THE PT'S  
APPLY REDUCED VOLTAGES TO  
THE METER.

FORM 9S



METER INTERNAL  
WIRING FRONT VIEW



FORM 9S – TYPICAL WYE CONFIGURATION WITH MULTI-RATIO CT'S AND WITH PT'S

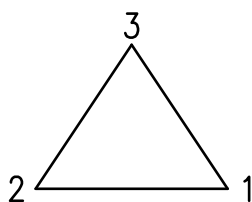
REVISED:

21 AUGUST 2007

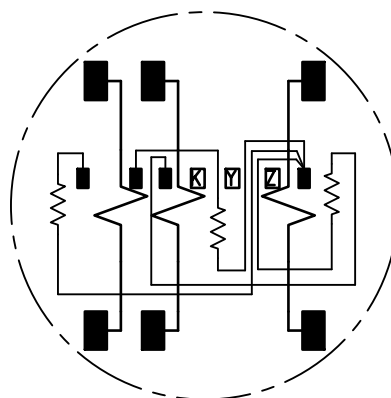
METER PLATE

E-M112

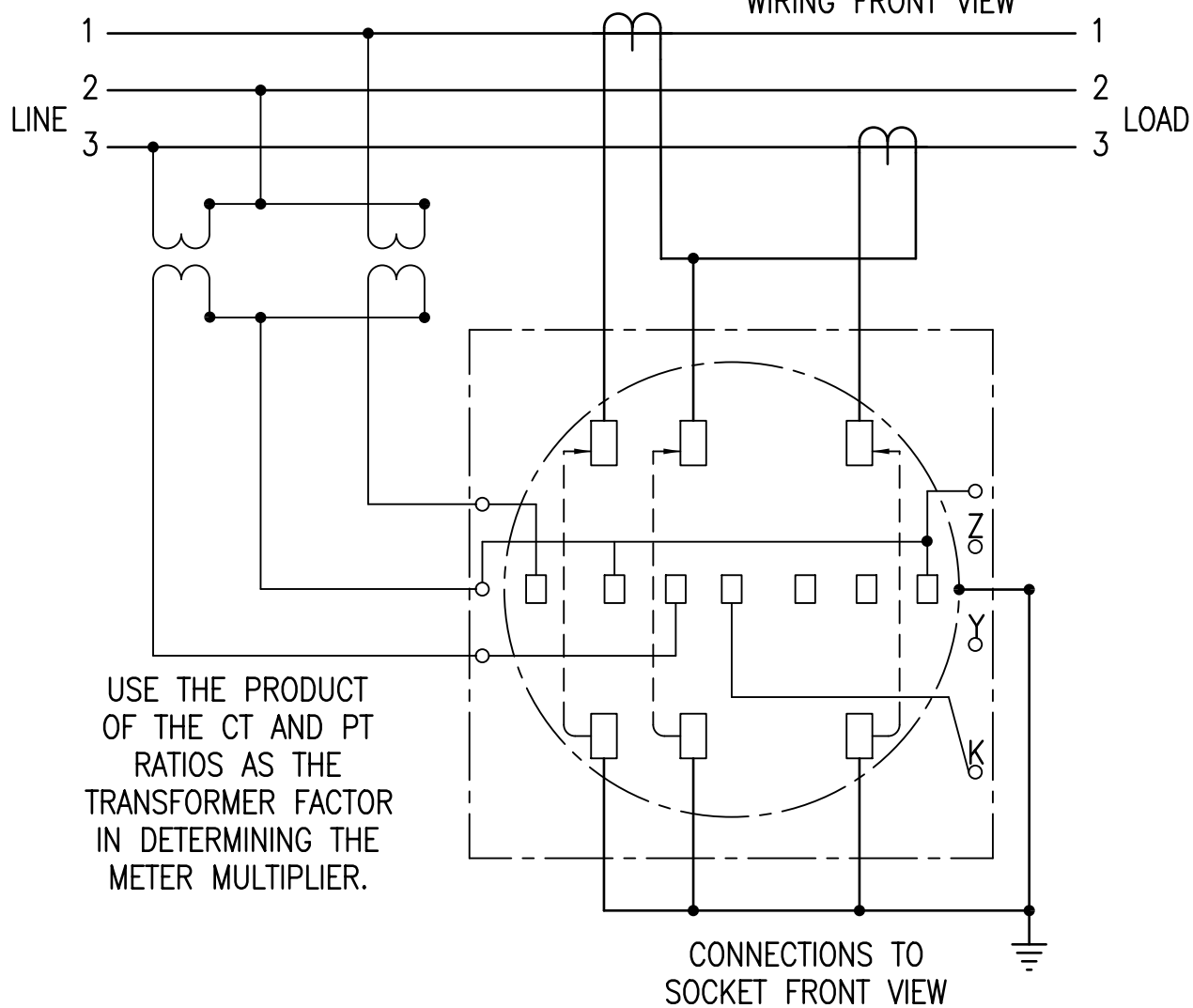
THREE-PHASE DELTA  
WITH TWO CT'S AND  
TWO PT'S



FORM 9S



METER INTERNAL  
WIRING FRONT VIEW



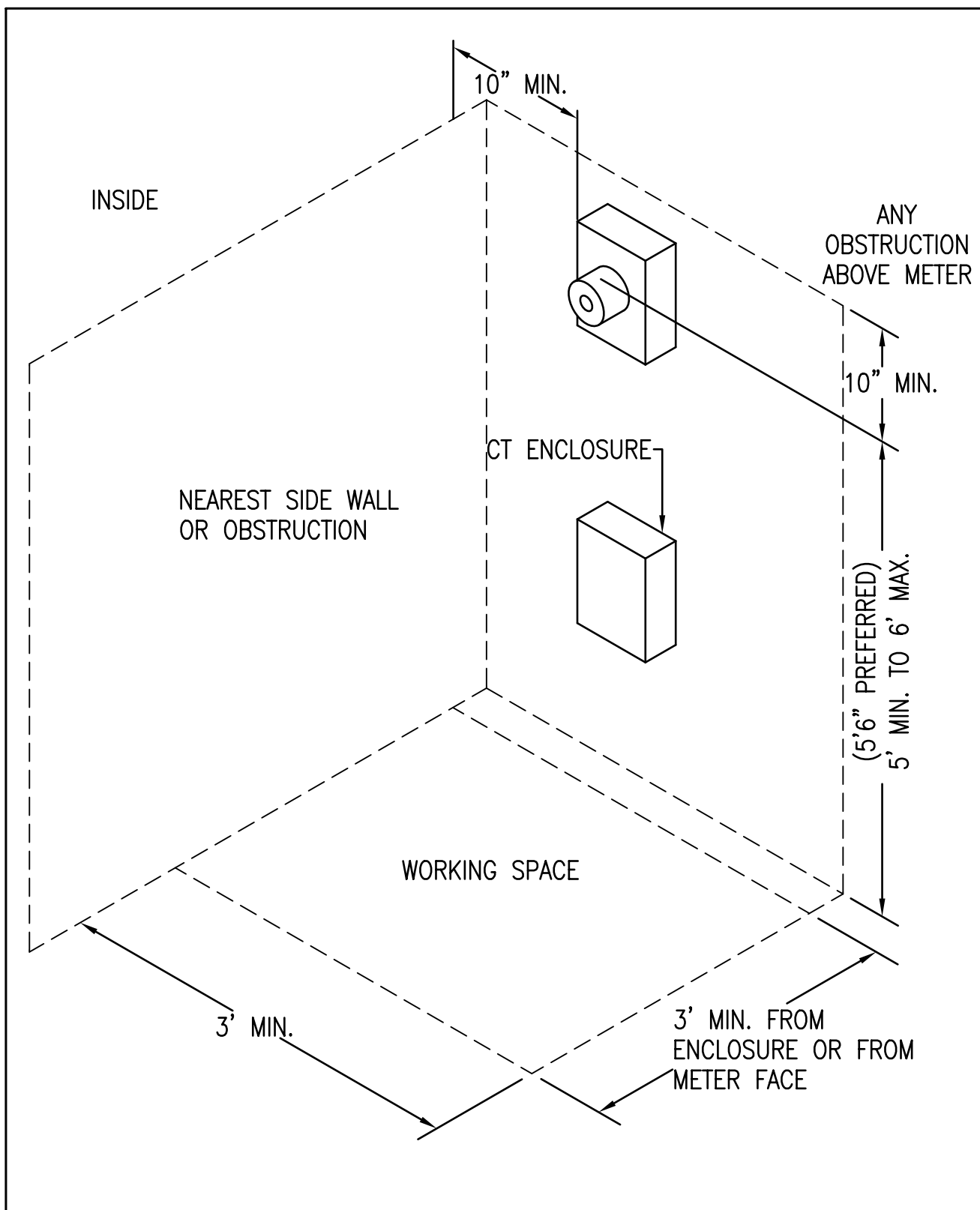
FORM 9S – TYPICAL DELTA CONFIGURATION WITH PT'S

REVISED:

12 OCTOBER 2007

METER PLATE

E-M113



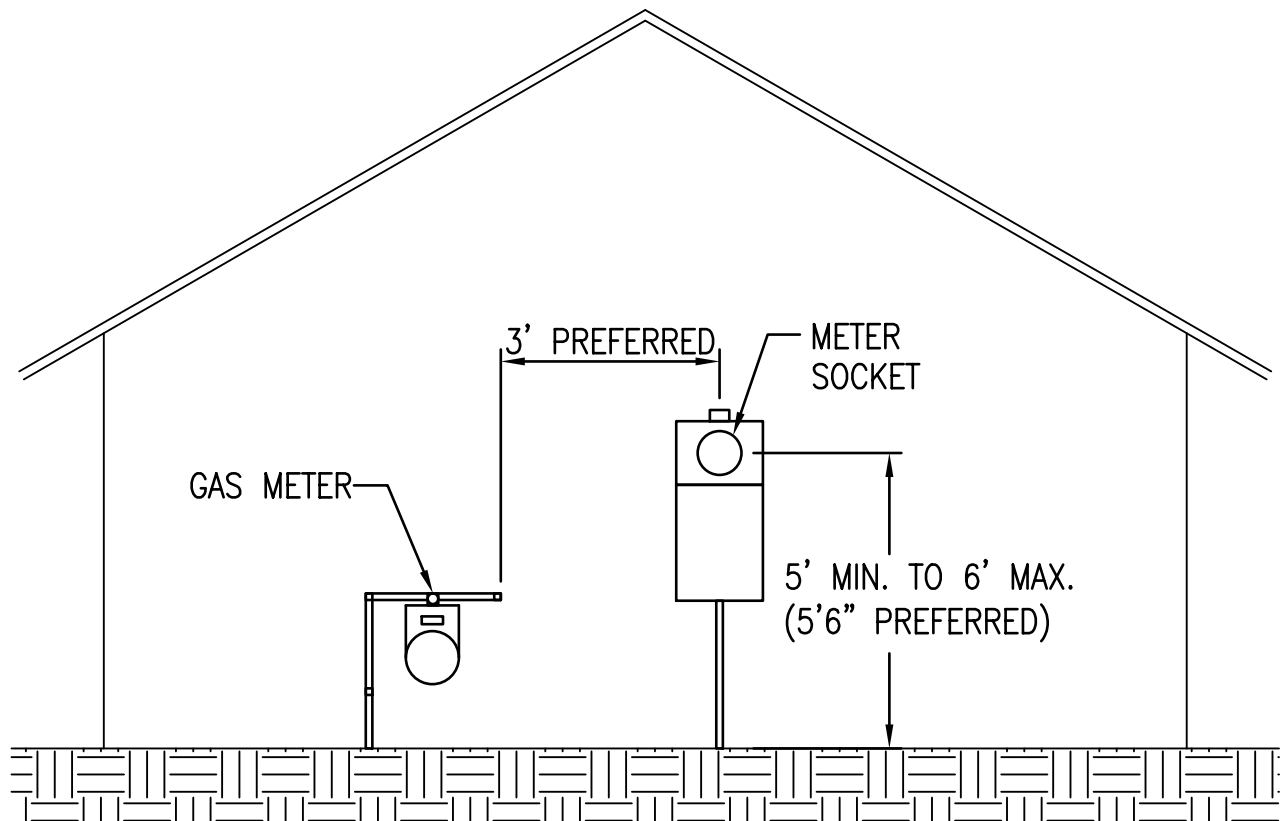
INSIDE METER INSTALLATION – TYPICAL

REVISED:

07 MAY 2008

METER PLATE

E-M201



NOTES:

1. USE THIS PREFERRED CONFIGURATION WHENEVER THERE IS ADEQUATE ROOM ON THE FACILITY WALL.

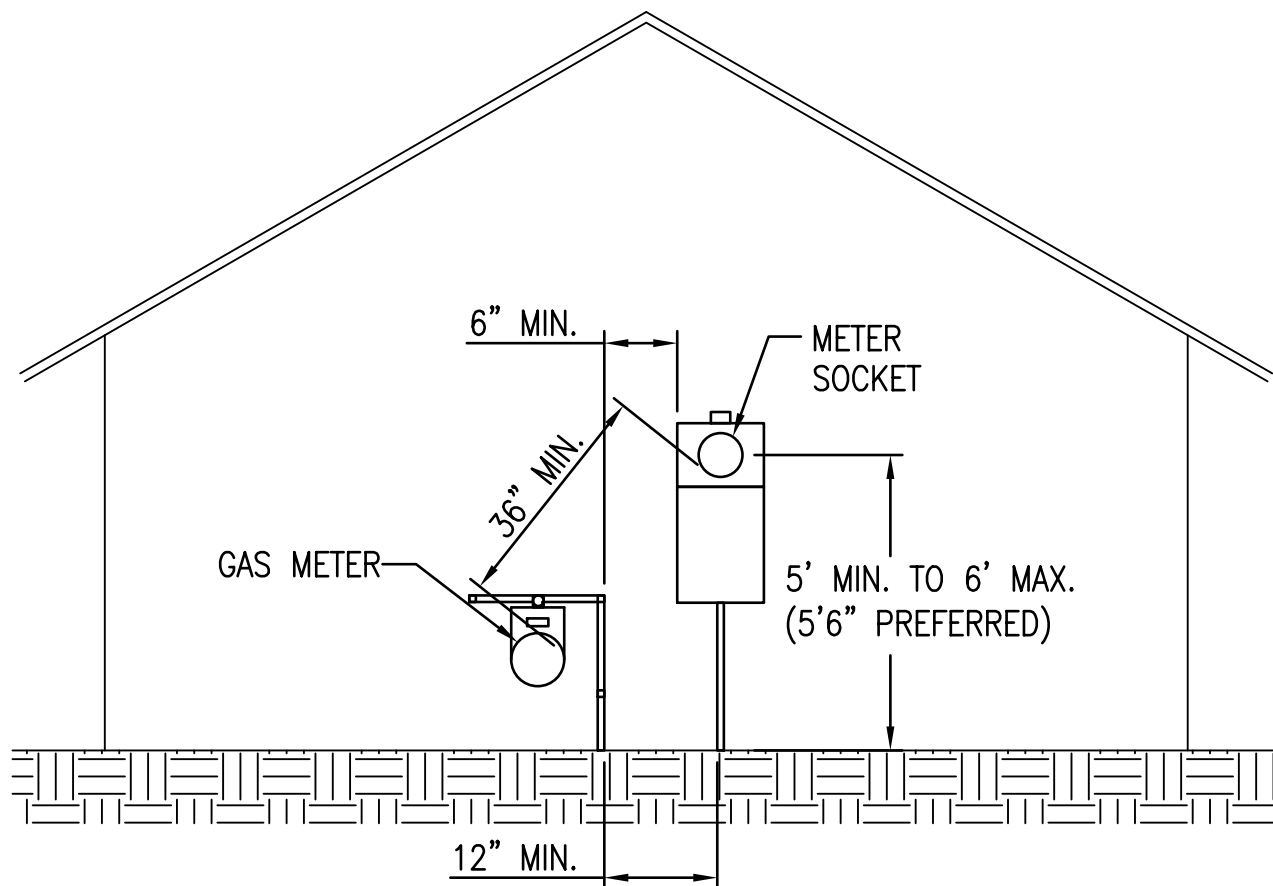
OUTSIDE METER INSTALLATION ON WALL – PREFERRED DISTANCE TO GAS METER

REVISED:

07 MAY 2008

METER PLATE

E-M202



NOTES:

1. USE THIS MINIMUM ACCEPTABLE CONFIGURATION IF THERE IS NOT THE 3' PREFERRED HORIZONTAL SPACING BETWEEN THE ELECTRIC AND GAS METERS.
2. THE 36" MINIMUM SPACING MEASURED ALONG THE DIAGONAL BETWEEN THE GAS METER AND ELECTRIC METER IS REQUIRED.
3. THIS CONFIGURATION IS TYPICALLY USED ON FACILITY WALLS WITH EXTERIOR OBSTRUCTIONS THAT LIMIT INSTALLATION SPACING.

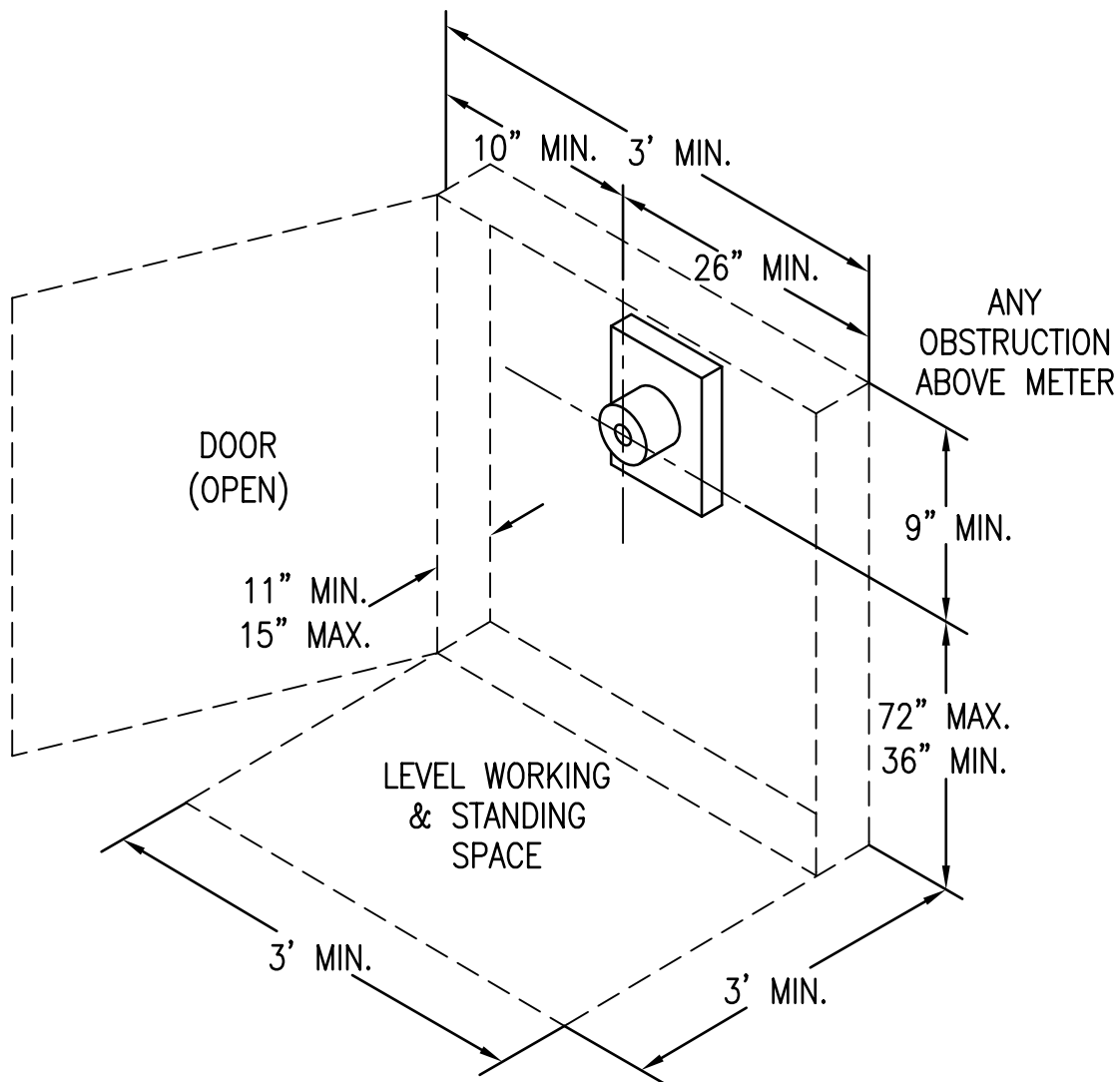
OUTSIDE METER INSTALLATION ON WALL – ACCEPTABLE DISTANCE TO GAS METER

REVISED:

07 MAY 2008

METER PLATE

E-M203



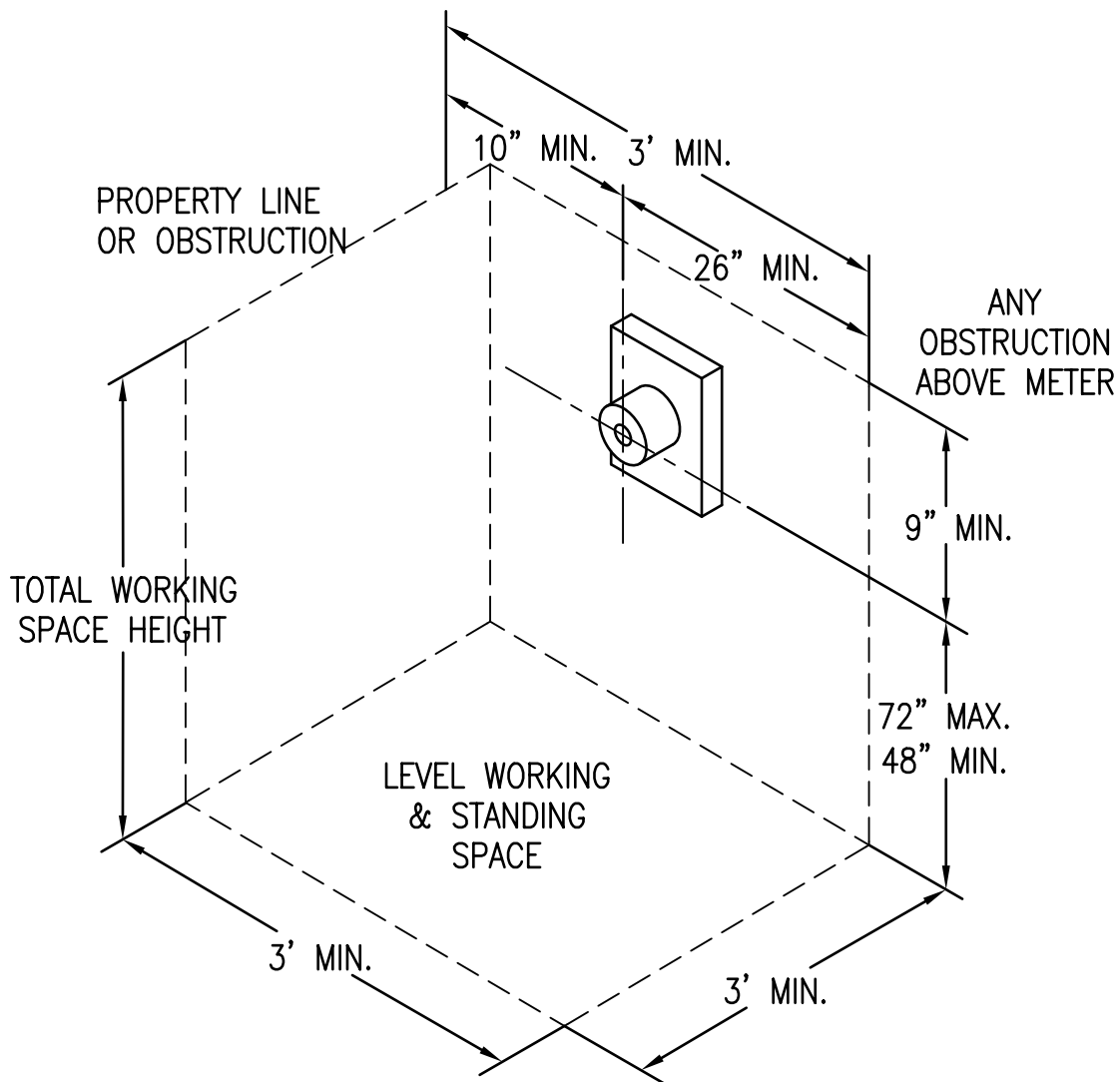
SINGLE PHASE SELF CONTAINED METERS RESIDENTIAL SERVICE: 0-600 VOLTS,  
ENCLOSED INSTALLATION

REVISED:

07 MAY 2008

METER PLATE

E-M204



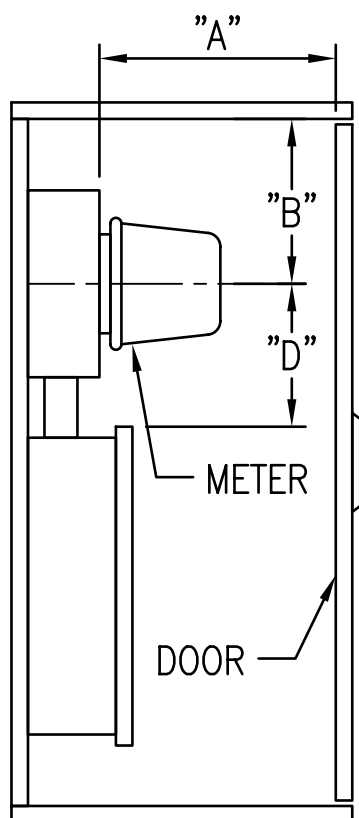
SINGLE PHASE SELF CONTAINED METERS RESIDENTIAL SERVICE: 0-600 VOLTS,  
SEMI-FLUSH INSTALLATION

REVISED:

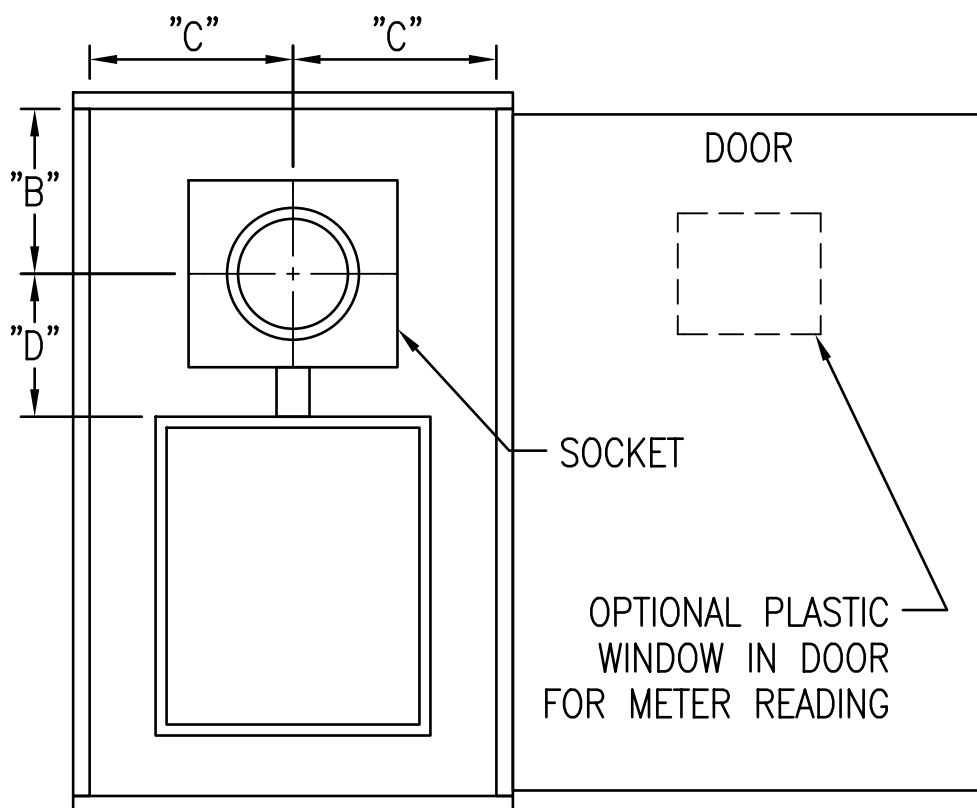
07 MAY 2008

METER PLATE

E-M205



SIDE VIEW



FRONT VIEW

DIMENSION "A"

11" MINIMUM – 15" MAXIMUM.

DIMENSION "B"

9" MINIMUM TO EDGE OF ACCESS OPENING.

DIMENSION "C"

10" MINIMUM TO EDGE OF ACCESS OPENING.

DIMENSION "D"

8" MINIMUM FROM METER CENTERLINE TO TOP OF ANY PROTRUDING SWITCH OR BREAKER OR TO BOTTOM OF THE ENCLOSING CABINET.

METER CABINET ENCLOSURE CLEARANCES: 0–600 VOLTS

REVISED:

21 AUGUST 2007

METER PLATE

E–M206



## E-S1: Building Meter Installation Sheet Per Building-Example

☐ Repair ☐ New ☐ Update ☒ Replacement

<b>Serial # :</b>	13076962	<b>MFG:</b>	LANDIS & GYR	<b>Voltage:</b>	120/208
<b>Meter # :</b>	90359550	<b>Form:</b>	8S /9S	<b>Current:</b>	
<b>Facility:</b>	Bldg 535	<b>Class:</b>	20	<b>Wires:</b>	4W
<b>Pole Mount:</b>	N/A	<b>CT Ratio:</b>	400/5	<b>Delta/Wye:</b>	WYE
<b>Nearest Facility:</b>		<b>VT Ratio:</b>	N/A	<b>AMR Meter:</b>	YES
		<b>Multiplier:</b>	80	<b>KWH Read.:</b>	START: 00000

**Location Description:** Located on pad-mount transformer for Building 535

### Old Meter Information (if applicable)

<b>Serial # :</b>	7517047	<b>MFG:</b>	LANDIS & GYR	<b>Voltage:</b>	120/208
<b>Meter # :</b>	90043246	<b>Form:</b>	8S/9S	<b>Current:</b>	
<b>Facility:</b>	Bldg 535	<b>Class:</b>	20	<b>Wires:</b>	4W
<b>Pole Mount:</b>	N/A	<b>CT Ratio:</b>	400/5	<b>Delta/Wye:</b>	WYE
<b>Nearest Facility:</b>		<b>VT Ratio:</b>	N/A	<b>AMR Meter:</b>	YES
				<b>KWH Read.:</b>	END: 03535


### Remarks:

1. New AMR meter installed on 4-11-08 at 1530 because old meter would not communicate.
2. Meter display worked. Meter is working properly.

### Additional Work Required

PERFORMED BY:

DATE:

		<h1>Electricity Meter Installation Schedule</h1>													
Facility Number	Action to Take	Reference Location DWG #	Reference Detail	Meter ID#	Meter Location	Existing Meter Manufacturer	Existing Meter Model #	New Meter Manufacturer	New Meter Model #	Disconnect Type	Software Configured?	Comments or Open Items			
Notes:															
1	This installation schedule is intended for larger projects that will be installing many meters, either new installations or replacements for existing installations														
2	Add or delete columns as needed for project-specific requirements.														
3	This installation schedule is intended to facilitate installations; a separate form is provided for the meter and accessory nameplate data														



# Electricity Meter Data

Meter ID#	Facility Number	Meter Location	Serial Number	Meter Manufacturer	Meter Form	Meter Class	System Voltage	CT Ratio	VT Ratio	Multiplier	Delta or Wye	Comments or Open Items					
Notes:																	
1	This schedule is intended for larger projects that will be installing many meters, either new installations or replacements for existing installations.																
2	Add or delete columns as needed for project-specific requirements.																
3	This meter data schedule is intended for documenting meter and accessory data; a separate form is provided for the installation process.																

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)										Form Approved OMB No. 0704-0188						
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.																
A. CONTRACT LINE ITEM NO.				B. EXHIBIT			C. CATEGORY: TDP _____ TM _____ OTHER _____									
D. SYSTEM/ITEM					E. CONTRACT/PR NO.				F. CONTRACTOR							
1. DATA ITEM NO.		2. TITLE OF DATA ITEM						3. SUBTITLE								
4. AUTHORITY (Data Acquisition Document No.)					5. CONTRACT REFERENCE				6. REQUIRING OFFICE							
7. DD 250 REQ		9. DIST STATEMENT REQUIRED		10. FREQUENCY		12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION								
8. APP CODE				11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE		Draft		b. COPIES				
						Final										
										Reg		Repro				
16. REMARKS																
																15. TOTAL
G. PREPARED BY					H. DATE			I. APPROVED BY					J. DATE			

17. PRICE GROUP

18. ESTIMATED  
TOTAL PRICE

**CONTRACT DATA REQUIREMENTS LIST**  
*(1 Data Item)*

<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER _____
<b>D. SYSTEM/ITEM</b>	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>

16. REMARKS *(Continued)*

## INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

### FOR GOVERNMENT PERSONNEL

**Item A.** Self-explanatory.

**Item B.** Self-explanatory.

**Item C.** Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management," etc.

**Item D.** Enter name of system/item being acquired that data will support.

**Item E.** Self-explanatory (to be filled in after contract award).

**Item F.** Self-explanatory (to be filled in after contract award).

**Item G.** Signature of preparer of CDRL.

**Item H.** Date CDRL was prepared.

**Item I.** Signature of CDRL approval authority.

**Item J.** Date CDRL was approved.

**Item 1.** See DoD FAR Supplement Subpart 4.71 for proper numbering.

**Item 2.** Enter title as it appears on data acquisition document cited in Item 4.

**Item 3.** Enter subtitle of data item for further definition of data item (optional entry).

**Item 4.** Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

**Item 5.** Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

**Item 6.** Enter technical office responsible for ensuring adequacy of the data item.

**Item 7.** Specify requirement for inspection/acceptance of the data item by the Government.

**Item 8.** Specify requirement for approval of a draft before preparation of the final data item.

**Item 9.** For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).

**Item 10.** Specify number of times data items are to be delivered.

**Item 11.** Specify as-of date of data item, when applicable.

**Item 12.** Specify when first submittal is required.

**Item 13.** Specify when subsequent submittals are required, when applicable.

**Item 14.** Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.

**Item 15.** Enter total number of draft/final copies to be delivered.

**Item 16.** Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.

### FOR THE CONTRACTOR

**Item 17.** Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

**Item 18.** For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data.

These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TDP _____ TM _____ OTHER _____					
D. SYSTEM/ITEM			E. CONTRACT/PR NO.			F. CONTRACTOR			
1. DATA ITEM NO.	2. TITLE OF DATA ITEM				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.)			5. CONTRACT REFERENCE			6. REQUIRING OFFICE			
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY		12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE		b. COPIES	
							Draft	Final	
								Reg	Repro
16. REMARKS									
15. TOTAL									
G. PREPARED BY			H. DATE		I. APPROVED BY			J. DATE	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

**CONTRACT DATA REQUIREMENTS LIST**  
*(1 Data Item)*

<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER _____
<b>D. SYSTEM/ITEM</b>	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>

16. REMARKS *(Continued)*

## INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

### FOR GOVERNMENT PERSONNEL

**Item A.** Self-explanatory.

**Item B.** Self-explanatory.

**Item C.** Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management," etc.

**Item D.** Enter name of system/item being acquired that data will support.

**Item E.** Self-explanatory (to be filled in after contract award).

**Item F.** Self-explanatory (to be filled in after contract award).

**Item G.** Signature of preparer of CDRL.

**Item H.** Date CDRL was prepared.

**Item I.** Signature of CDRL approval authority.

**Item J.** Date CDRL was approved.

**Item 1.** See DoD FAR Supplement Subpart 4.71 for proper numbering.

**Item 2.** Enter title as it appears on data acquisition document cited in Item 4.

**Item 3.** Enter subtitle of data item for further definition of data item (optional entry).

**Item 4.** Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

**Item 5.** Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

**Item 6.** Enter technical office responsible for ensuring adequacy of the data item.

**Item 7.** Specify requirement for inspection/acceptance of the data item by the Government.

**Item 8.** Specify requirement for approval of a draft before preparation of the final data item.

**Item 9.** For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).

**Item 10.** Specify number of times data items are to be delivered.

**Item 11.** Specify as-of date of data item, when applicable.

**Item 12.** Specify when first submittal is required.

**Item 13.** Specify when subsequent submittals are required, when applicable.

**Item 14.** Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.

**Item 15.** Enter total number of draft/final copies to be delivered.

**Item 16.** Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.

### FOR THE CONTRACTOR

**Item 17.** Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

**Item 18.** For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data.

These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.