

**PALMETTO ELECTRIC COOPERATIVE, INC.
METER SOCKET SPECIFICATIONS**

- 1) All Meter Sockets to be Ringless.
- 2) All Meter Sockets Must be UL Approved.
- 3) All Latches to be Stainless Steel.
- 4) Enclosure to be 14 gauge, galvanized steel.
- 5) Listed Dimensions are Minimums.

100 AMP SINGLE PHASE RESIDENTIAL - COMMERCIAL - TEMPORARY SERVICE

CONT. AMP RATING	SERVICE	CONNECTOR TYPE	W	DIMENSIONS (IN) H	D	HUB	NO. OF TERMINALS	BY PASS	ENCLOSURE MATERIAL
100	OH/UG	#8 - 2/0 Lay-In	8	11	3.3	2" / Blank	4	NONE	GAL. STEEL
Durham Landis+Gyr	T-RS101B UAT111-OG	#8 - 2/0 #14 - 2/0	11 8	14 11.7	4.375 3.6				
Milbank	U7487-RL-TG	#8 - 2/0	8	11.5	3.3125				
Milbank	U8435-XL-TG-HSP	#6 - 2/0	8	11.5	3.313				
GE	TSMR015CSGP	#8 - 2/0	14.1	31.7	4.8				
GE	TSMR815CSFLFMG	#8 - 2/0	14.1	31.7	4.8				
GE	TSMR415CSCUGP	#8 - 2/0	14.1	31.7	4.8				

200 AMP SINGLE PHASE RESIDENTIAL SERVICE

CONT. AMP RATING	SERVICE	CONNECTOR TYPE	W	DIMENSIONS (IN) H	D	HUB	NO. OF TERMINALS	BY PASS	ENCLOSURE MATERIAL
200	OH/UG	3/8" STUD	11	20	4.5	2" / Blank	4	NONE	GAL. STEEL
Durham	1001989		12	20	4.5				
Milbank	N/A		N/A	N/A	N/A				
GE	TSMR020CSGP		14.1	31.7	4.8				
GE	TSMR420CSCUGP		14.1	31.7	4.8				
GE	TSMR820CSFLFMG		14.1	31.7	4.8				
GE	TSMR2020CSCUFMG		14.1	34.4	4.8				

Revised 01/10/2019 RR

200 AMP SINGLE PHASE COMMERCIAL SERVICE

CONT. AMP RATING	SERVICE	CONNECTOR TYPE	W	DIMENSIONS (IN)		D	HUB	NO. OF TERMINALS	BY PASS	ENCLOSURE MATERIAL
				H						
200	OH/UG	3/8" STUD	11	19	4.8		2" / Blank	4	LEVER BYPASS WITH JAW RELEASE	GAL. STEEL
Durham	H4230C		16	27	5.625					
Landis+Gyr	42504-025		13	19	5.1					
Milbank	U9865-RRL		13	28.25	4.875					

320 AMP SINGLE PHASE RESIDENTIAL / COMMERCIAL SERVICE

CONT. AMP RATING	SERVICE	CONNECTOR TYPE	W	DIMENSIONS (IN)		D	HUB	NO. OF TERMINALS	BY PASS	ENCLOSURE MATERIAL
				H						
320	OH/UG	3/8" STUD	15	31	5.0		4" / Blank	4	LEVER BYPASS WITH JAW RELEASE	GAL. STEEL
Durham	T-H4330		15	36.625	5.6875					
Landis+Gyr	48104-02RG		16	31	5.0					
Milbank	U2448-X		17.75	34.125	6.5					
Milbank	U5059-X-2/200-K3L		15	42.44	4.84					
GE	TSDR830CFCUGP		30.72	33.11	6.49					
GE	TSDR840CFCUGP		30.72	33.11	6.49					

200 AMP POLYPHASE 120-208 volts RESIDENTIAL / COMMERCIAL SERVICE

CONT. AMP RATING	SERVICE	CONNECTOR TYPE	W	DIMENSIONS (IN)		D	HUB	NO. OF TERMINALS	BY PASS	ENCLOSURE MATERIAL
				H						
200	OH/UG	3/8" STUD	13	19	4.8		3" / Blank	7	LEVER BYPASS WITH JAW RELEASE	GAL. STEEL
Durham	T-H7230		16	27	5.625					
Landis+Gyr	42507-025		13	19	5.2					
Milbank	U9761-RRL		13	28.25	4.875					

Revised 01/10/2019 RR

200 AMP POLYPHASE 480 volts COMMERCIAL SERVICE
Disconnect on Source-Side of Meter Base

CONT. AMP RATING	SERVICE	CONNECTOR TYPE	W	DIMENSIONS (IN) H	D	HUB	NO. OF TERMINALS	BY PASS	ENCLOSURE MATERIAL
200	OH/UG	3/8" STUD	13	19	4.8	3" / Blank	7	LEVER BYPASS WITH JAW RELEASE	GAL. STEEL
Durham	1007371		13.5	35	5.75				

320 AMP POLYPHASE RESIDENTIAL / COMMERCIAL SERVICE

CONT. AMP RATING	SERVICE	CONNECTOR TYPE	W	DIMENSIONS (IN) H	D	HUB	NO. OF TERMINALS	BY PASS	ENCLOSURE MATERIAL
320	OH/UG	3/8" STUD	19	34	6	4" /Blank	4	LEVER BYPASS WITH JAW RELEASE	GAL. STEEL
Durham	T-H7330		20	39.875	6.5				
Landis+Gyr	48707-02		20	34	6				
Milbank	U2594-X		19	34.125	6.5				

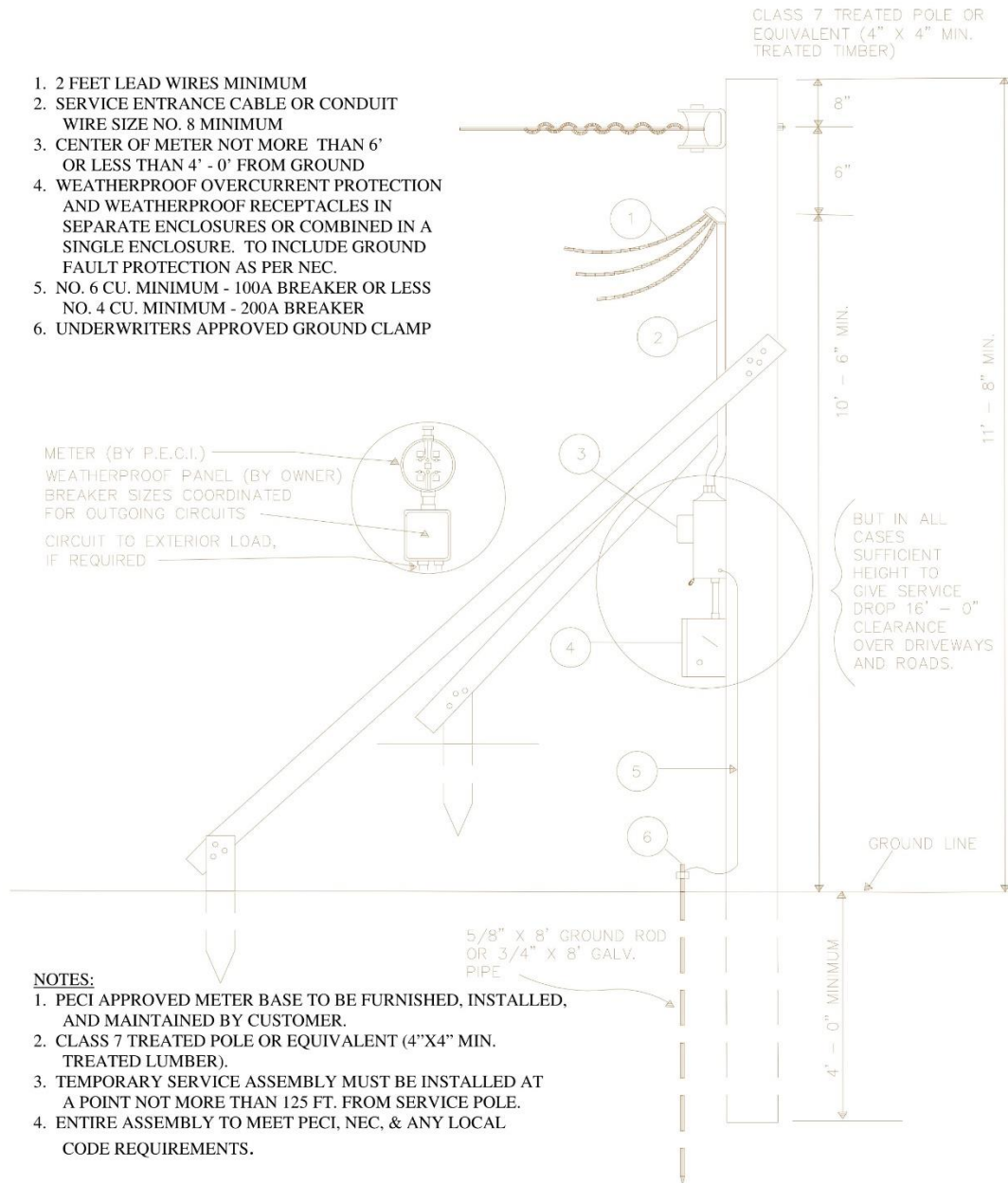
200 AMP SINGLE PHASE MOBILE HOME SERVICE

COMBINATION METER SOCKET AND 200 AMP DISCONNECT ASSEMBLIES ARE VERY POPULAR AND MAY BE USED FOR MOBILE HOME APPLICATIONS. THE COMBINATION ASSEMBLY MUST BE RINGLESS.

CONT. AMP RATING	SERVICE	CONNECTORS SIZE	W	DIMENSIONS (IN) H	D	HUB	NO. OF TERMINALS	BY PASS	ENCLOSURE MATERIAL
200	OH/UG	#6- 350 Lay-In	14	35	4.5	2" /Blank	4	NONE	GAL. STEEL

TEMPORARY SERVICE ASSEMBLY FROM OVERHEAD DISTRIBUTION

1. 2 FEET LEAD WIRES MINIMUM
2. SERVICE ENTRANCE CABLE OR CONDUIT
WIRE SIZE NO. 8 MINIMUM
3. CENTER OF METER NOT MORE THAN 6'
OR LESS THAN 4' - 0" FROM GROUND
4. WEATHERPROOF OVERCURRENT PROTECTION
AND WEATHERPROOF RECEPTACLES IN
SEPARATE ENCLOSURES OR COMBINED IN A
SINGLE ENCLOSURE. TO INCLUDE GROUND
FAULT PROTECTION AS PER NEC.
5. NO. 6 CU. MINIMUM - 100A BREAKER OR LESS
NO. 4 CU. MINIMUM - 200A BREAKER
6. UNDERWRITERS APPROVED GROUND CLAMP



DATE: March 5, 1990
APPROVED BY: Wilson D. Saleeby
REV: February 19, 2014 SHEET 1

MEMO # 5

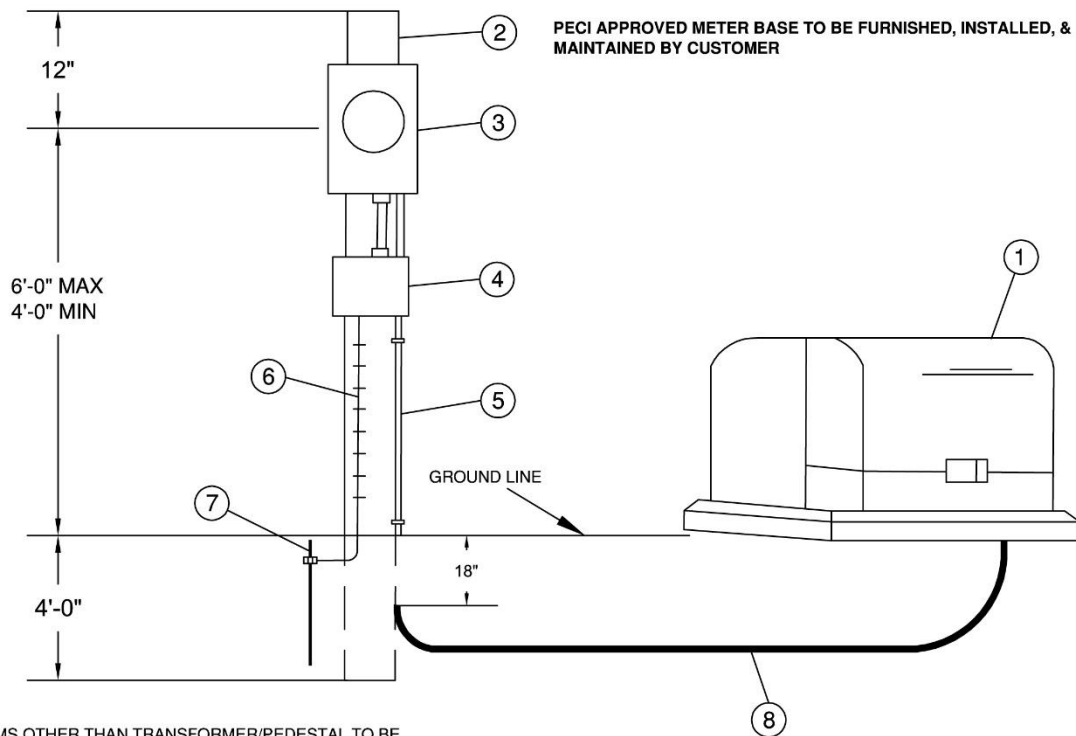
PALMETTO
ELECTRIC COOPERATIVE INC.
A Touchstone Energy™ Partner

TEMPORARY SERVICE INSTALLATION FROM UNDERGROUND DISTRIBUTION

"TYPICAL COMMERCIAL"

ITEM #:

1. PAD MOUNTED TRANSFORMER OR PEDESTAL
2. CLASS 7 TREATED POLE OR EQUIVALENT (4"x4" MIN. TREATED TIMBER)
3. METER BASE (BY OWNER)
4. WEATHERPROOF OVERCURRENT PROTECTION AND WEATHERPROOF RECEPTACLES IN SEPARATE ENCLOSURE OR COMBINED IN A SINGLE ENCLOSURE
5. GALVANIZED IRON OR SCHEDULE 40 PVC CONDUIT AND FITTINGS - MIN SIZE 1-1/4"
6. GROUND WIRE TO BE SECURELY ATTACHED TO STRUCTURE NO. 6 CU. MINIMUM - 100A BREAKER OR LESS NO. 4 CU. MINIMUM - 200A BREAKER
7. 5/8" x 8' GROUND ROD (GALVANIZED OR COPPER CLAD) WITH U.L. APPROVED CLAMP
8. CABLE AND CONDUIT, IF APPLICABLE, PROVIDED AND INSTALLED BY OWNER TO MEET NEC AND/OR LOCAL REQUIREMENTS



NOTES

1. ALL ITEMS OTHER THAN TRANSFORMER/PEDESTAL TO BE FURNISHED, INSTALLED, & MAINTAINED BY CUSTOMER
2. CUSTOMER TO INSTALL POLE NO CLOSER THAN 4 FEET FROM TRANSFORMER PAD OR PEDESTAL
3. WHERE SECONDARY PEDESTALS ARE AVAILABLE, THEY MAY BE USED TO CONNECT THE SERVICE POLE
4. CUSTOMER TO DIG FROM POLE TO APPROXIMATELY 1 FT FROM DOOR SIDE (RIGHT FRONT CORNER) OF TRANSFORMER PAD OR TOWARD HANDHOLE OR PEDESTAL AND PROVIDE 10' OF EXTRA WIRE TO BE INSTALLED & CONNECTED BY PECI PERSONNEL
5. ENTIRE ASSEMBLY TO MEET PECI, NEC, & ANY LOCAL CODE REQUIREMENTS
6. CALL SC811 BEFORE YOU DIG

DATE: July 23, 2014

APPROVED BY: Wilson D. Saleeby

REV:

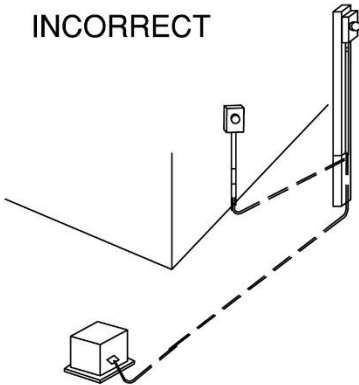
SHEET 1 OF 2

MEMO #6



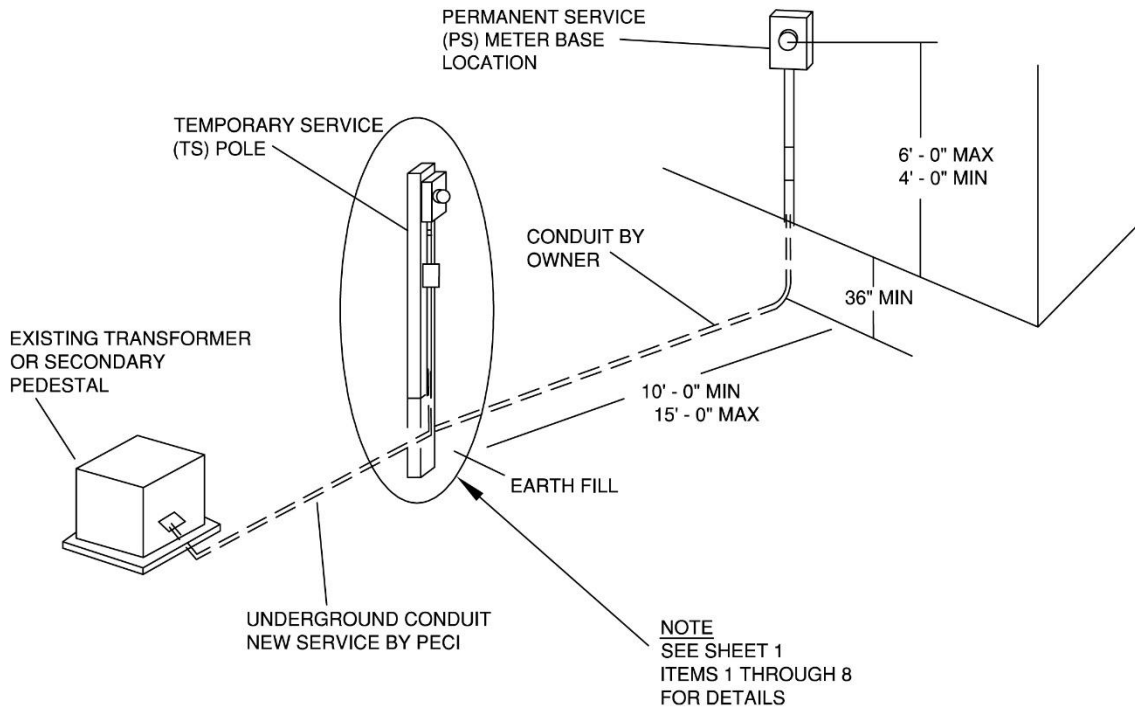
TEMPORARY SERVICE INSTALLATION FROM UNDERGROUND DISTRIBUTION

INCORRECT



"TYPICAL RESIDENTIAL"

CORRECT



NOTES

1. OWNER/DEVELOPER/ELECTRICIAN RESPONSIBLE FOR INSTALLING GRAY SCHEDULE 40 PVC FOR ELECTRIC FROM WALL TO TEMPORARY SERVICE POLE AS SHOWN
200 AMP PERMANENT SERVICE OR LESS, USE 2.5" PVC
300 AMP PERMANENT SERVICE OR GREATER, USE 3" PVC
2. TEMPORARY SERVICE POLE IS TO BE IN-LINE BETWEEN TRANSFORMER/PEDESTAL AND PERMANENT SERVICE METER BASE

DATE: August 15, 2017

APPROVED BY: Wilson D. Saleeby

REV:

SHEET 2 OF 2

MEMO #6

\\GRAPHICS\PM\METRO\wds_bgl\work\20

Diagram illustrating the installation of a mobile home electrical service, showing a pole-mounted meter and weatherproof panel with numbered callouts 1-9.

ITEM #:

1. COORDINATE HEIGHT OF WEATHERHEAD WITH PECI
2. 2 FEET LEAD WIRES MINIMUM
3. CONDUIT AND WIRE AS REQUIRED
4. CONDUIT STRAPS
5. CENTER OF METER NOT MORE THAN 6' OR LESS THAN 4' - 0" FROM GROUND
6. INSTALL TREATED 20' POLE, 6"x6" (MIN.) DIAMETER
7. GROUND WIRE TO BE SECURELY ATTACHED TO STRUCTURE
NO. 6 CU MINIMUM - 100A BREAKER OR LESS
NO. 4 CU MINIMUM - 200A BREAKER
8. 5/8" x 8' GROUND ROD (GALVANIZED OR COPPER CLAD) WITH U.L. APPROVED CLAMP
9. CABLE AND CONDUIT, IF APPLICABLE, PROVIDED AND INSTALLED BY OWNER TO MEET NEC AND/OR LOCAL REQUIREMENTS

MINIMUM DISTANCE 5'

MOBILE HOME

PECI APPROVED METER BASE TO BE FURNISHED, INSTALLED, AND MAINTAINED BY OWNER

WEATHERPROOF PANEL (BY OWNER) BREAKER SIZES COORDINATED FOR OUTGOING CIRCUITS

CIRCUIT TO EXTERIOR LOAD, IF REQUIRED

INSIDE PANEL

SIZE GND WIRE PER NEC AND LOCAL CODES

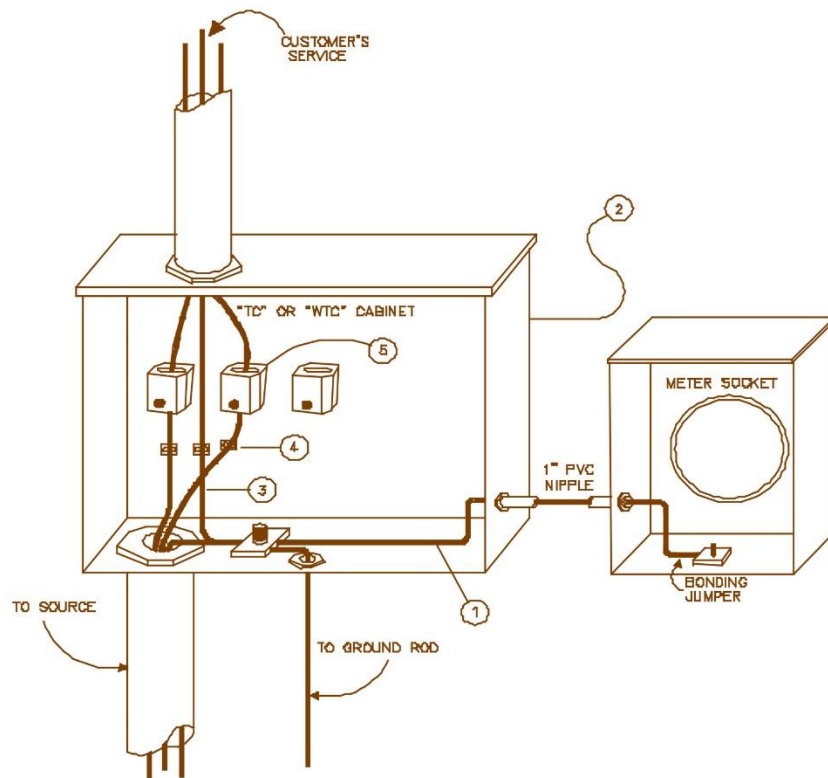
GROUND LINE

CONDUIT AND CABLE PROVIDED BY OWNER. INSTALLATION TO MEET NEC AND/OR LOCAL REQUIREMENTS.

4'-0" MIN

1. POWER SUPPLY CONDUCTOR FROM OUTSIDE PANEL TO HOME MUST MEET ALL REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES
2. ENTIRE ASSEMBLY TO MEET PECI, NEC, AND LOCAL REQUIREMENTS
3. DRAWING SHOWS TYPICAL METHOD FOR BURIED SERVICE
THIS IS ONLY A GUIDE FOR INSTALLATION
4. CALL SC811 BEFORE YOU DIG

RESIDENTIAL C. T. CABINET



NOTES:

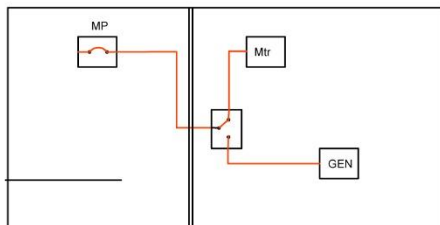
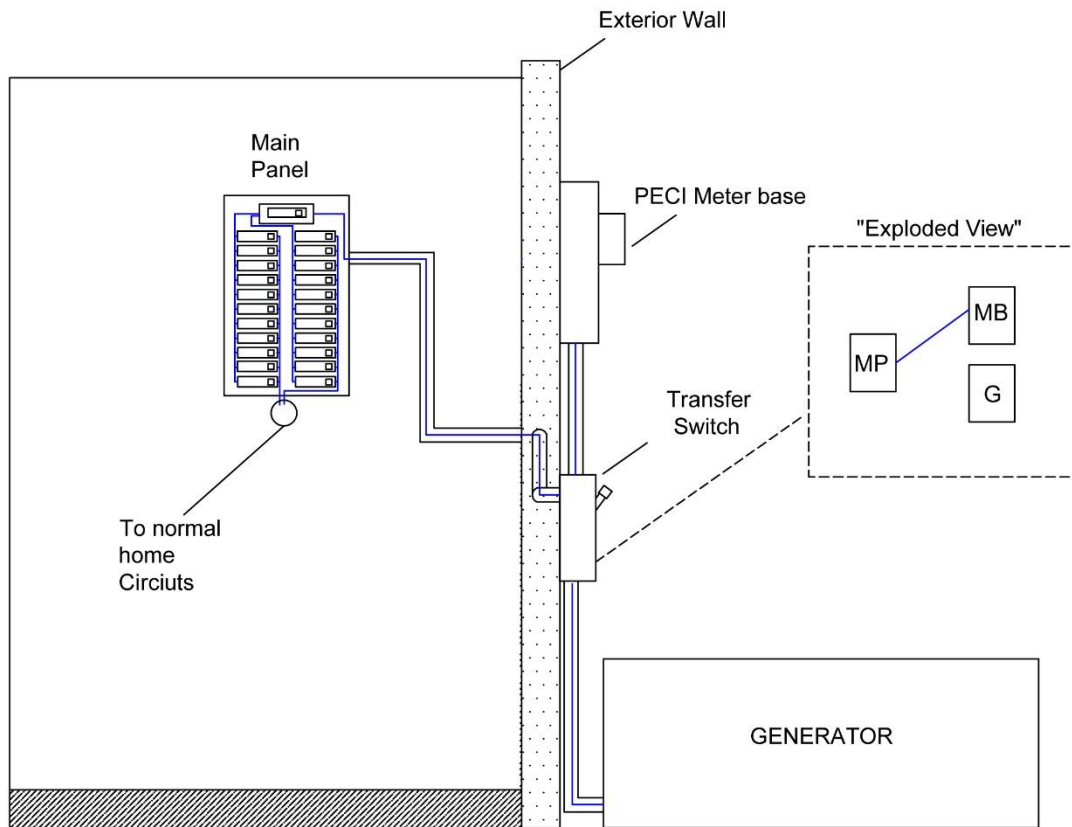
1. All metering cabinets and troughs to be bonded together with minimum #6 copper bonding wire.
2. C. T. Cabinets to be provided by owner/contractor. Minimum C. T. cabinet size is to be 24" x 24" x 12".
3. Both the owners service entrance conductors and the Cooperatives service cables are to be terminated in the cabinet.
4. Owner/contractor is responsible for providing Cooperative approved terminal blocks.
5. C. T. 's and meter socket to be provided by the Cooperative.
6. Entire assembly to meet PECEI, NEC, and local code requirements.

DATE: March 26, 1990
 APPROVED BY: A. Berl Davis
 REV: _____ SHEET 1

MEMO # 8

PALMIETTO
 ELECTRIC COOPERATIVE INC.
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GENERATOR HOME



NOTES

1. Transfer Switch to be "Double Pole/Double Throw"
2. Transfer Switch to be Mechanically designed to prevent connecting both. The "Utility Source" & "Generator" in parallel.
3. Transfer Switch must be "Break before Make" type.
4. The Jurisdiction- having authority must inspect and approve installation.
5. Installation must comply with all pertinent codes & ordinances

DATE: Jan. 24, 2019

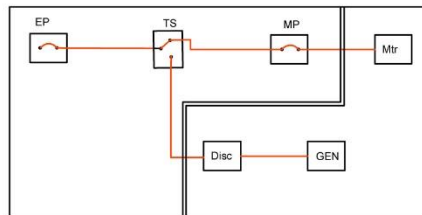
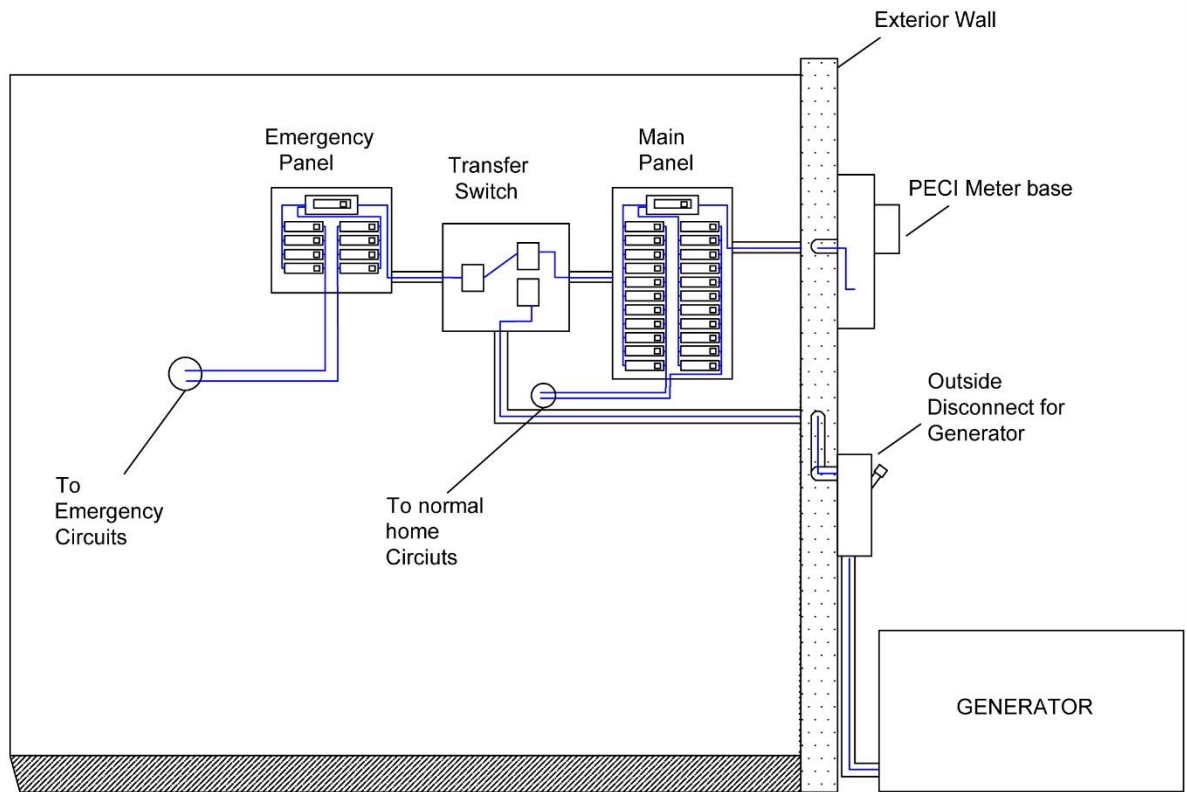
APPROVED BY: Wilson D. Saleeby

REV: Jan. 24, 2019 SHEET 1 OF 2

MEMO #25

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GENERATOR EMERGENCY PANEL



NOTES

1. Transfer Switch to be "Double Pole/Double Throw"
2. Transfer Switch to be Mechanically designed to prevent connecting both. The "Utility Source" & "Generator" in parallel.
3. Transfer Switch must be "Break before Make" type.
4. The Jurisdiction- having authority must inspect and approve installation.
5. Installation must comply with all pertinent codes & ordinances

DATE: Jan. 24, 2019

APPROVED BY: Wilson D. Saleeby

REV: Jan. 24, 2019 SHEET 2 OF 2

MEMO #25

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