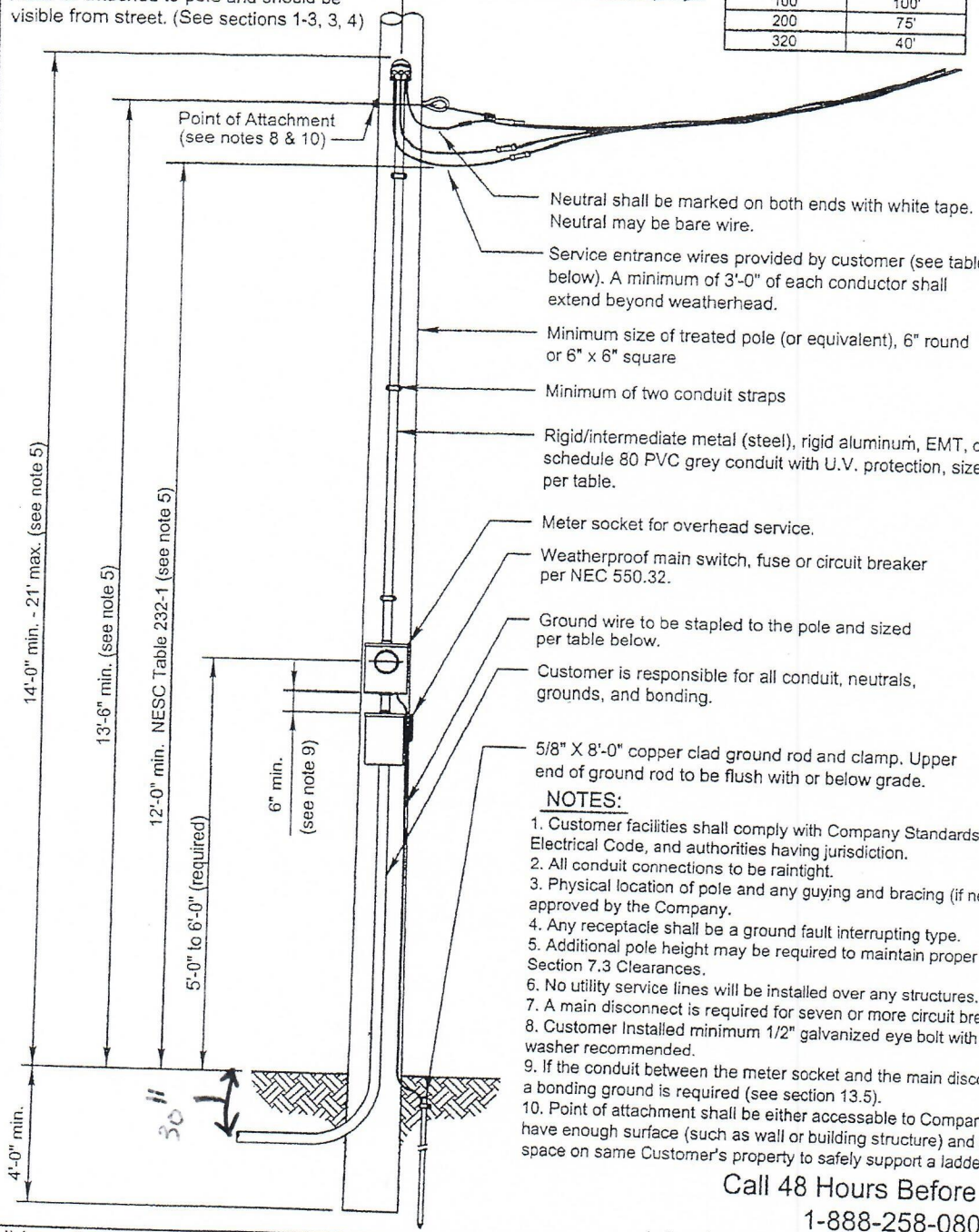
911 address shall be a minimum 3" lettering marked on meter enclosure, pole, or durable material attached to pole and should be visible from street. (See sections 1-3, 3, 4)

Maximum Recommended Distance	
Amps	Length
100	100'
200	75'
320	40'



Neutral shall be marked on both ends with white tape. Neutral may be bare wire.

Service entrance wires provided by customer (see table below). A minimum of 3'-0" of each conductor shall extend beyond weatherhead.

Minimum size of treated pole (or equivalent), 6" round or 6" x 6" square

Minimum of two conduit straps

Rigid/intermediate metal (steel), rigid aluminum, EMT, or schedule 80 PVC grey conduit with U.V. protection, sized per table.

Meter socket for overhead service.

Weatherproof main switch, fuse or circuit breaker per NEC 550.32.

Ground wire to be stapled to the pole and sized per table below.

Customer is responsible for all conduit, neutrals, grounds, and bonding.

5/8" X 8'-0" copper clad ground rod and clamp. Upper end of ground rod to be flush with or below grade.

NOTES:

1. Customer facilities shall comply with Company Standards, the National Electrical Code, and authorities having jurisdiction.
2. All conduit connections to be raintight.
3. Physical location of pole and any guying and bracing (if needed) will be approved by the Company.
4. Any receptacle shall be a ground fault interrupting type.
5. Additional pole height may be required to maintain proper clearance per Section 7.3 Clearances.
6. No utility service lines will be installed over any structures.
7. A main disconnect is required for seven or more circuit breakers. NEC 230.71.
8. Customer Installed minimum 1/2" galvanized eye bolt with 2" x 2" square washer recommended.
9. If the conduit between the meter socket and the main disconnect is not metal, a bonding ground is required (see section 13.5).
10. Point of attachment shall be either accessable to Company's bucket truck or have enough surface (such as wall or building structure) and sufficient ground space on same Customer's property to safely support a ladder.

Minimum Customer Wiring Size - Family Residence Single Phase				
METER SIZE	CONDUIT SIZE	Current carrying & neutral wire size (per NEC)		GROUND WIRE SIZE
		ALUMINUM	COPPER	
100 Amp	1.5"	#2	#4	#6 *
200 Amp	2"	4/0	2/0	#4 **
320 Amp	3"	Consult NEC		

See NEC 310.15(B) (6) - phase conductors: NEC 220.61 - Neutral, and NEC 250.66 - Ground Wire

* Wire smaller than #6 must be protected from physical damage (see NEC 250.120C)

** For sole connection to rod, plate or pipe type electrode #6 AWG Cu is allowed (see NEC250.66A)

Call 48 Hours Before You Dig
1-888-258-0808

In locations with underground facilities, the Customer shall notify One Call and shall have One Call locate all underground facilities before digging. It shall be the responsibility of the Customer to stay clear of all underground facilities.

NO.	DATE:	REVISION	BY:	APPR:
4	2/05	UPDATED: CUSTOMER INSTALLATION STANDARDS TEAM	DAT	
3	4/02	UPDATED: CUSTOMER INSTALLATION STANDARDS TEAM	DAT	
2	5/99	UPDATED PER SERVICE STANDARDS TEAM	TKV	
1	6/98	UPDATED PER SOLUTION GROUP RECOMMENDATIONS	MCC	

ENTERGY SERVICES, INC.

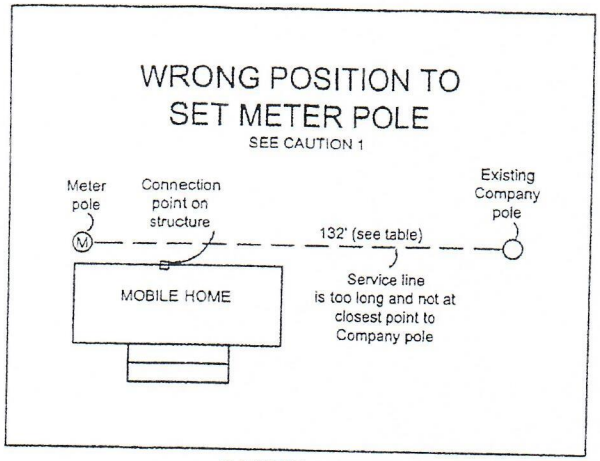
SERVICE TO PERMANENT LOCATION FROM AN OVERHEAD SOURCE

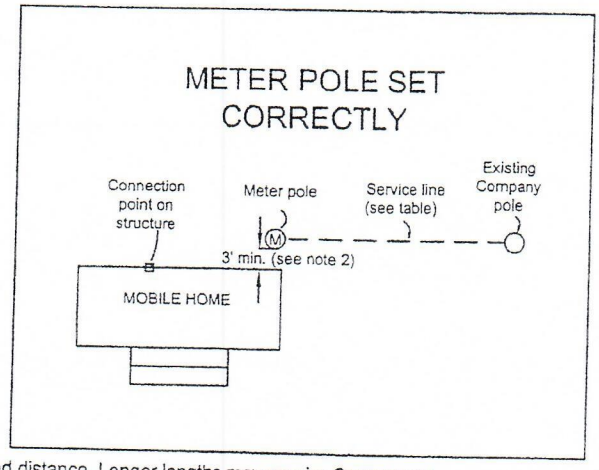
APPROVED BY:	JDS	DATE:	APRIL 1998
CHECKED BY:	LKE	SCALE:	None
DRAWN BY:	WINK-AJC		

Entergy

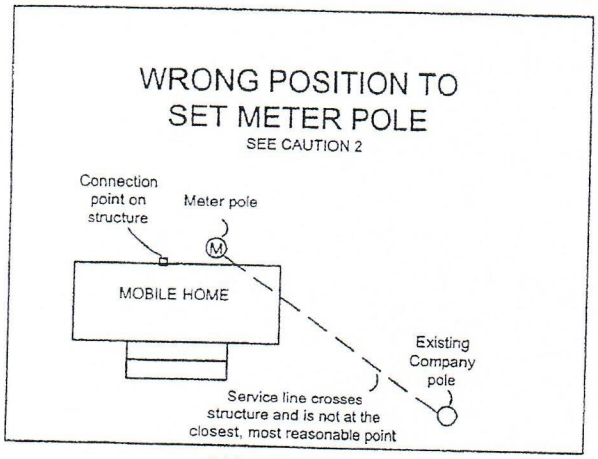
No. SS4.6-1

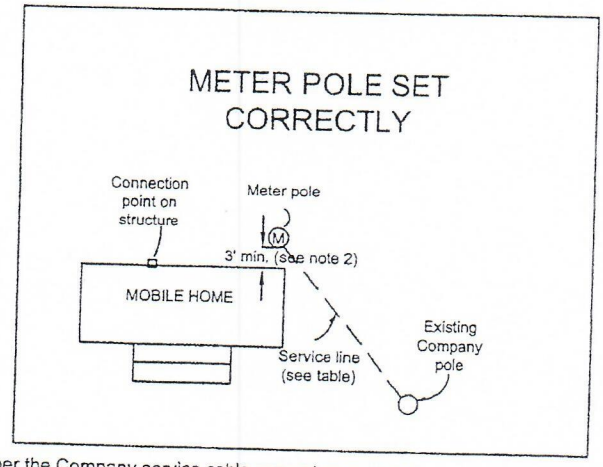
PLOT 1=1 SH. 1 OF 1





CAUTION 1: See table for maximum recommended distance. Longer lengths may require Company to install an additional pole. This may involve additional costs (typically $500 or more) to the customer.





CAUTION 2: When placing the meter pole, remember the Company service cable can not go over the top of the mobile home. If there is not a clear path to the meter pole, this will require the Company to install an additional pole. This may involve additional cost, (typically $500 or more) to the customer.

Maximum Recommended Distance

Amps	Length
100	100'
200	75'
320	40'

Call 48 Hours Before You Dig
1-888-258-0808

In locations with underground facilities, the Customer shall notify One Call and shall have One Call locate all underground facilities before digging. It shall be the responsibility of the Customer to stay clear of all underground facilities.

Notes:
1. Customer facilities shall comply with Company Standards, the NEC, and authorities having jurisdiction.
2. Meter pole shall be more than 3' from the mobile home (see Drawing SS7.2-1 Meter Clearances).
3. The customer is responsible for clearing and maintaining all right of way.
4. See table for maximum recommended distance of service.

NO.	DATE:	REVISION	BY:	APPR:
2	2/05	UPDATED: CUSTOMER INSTALLATION STANDARDS TEAM	DAT	
1	4/02	UPDATED: CUSTOMER INSTALLATION STANDARDS TEAM	DAT	

ENTERGY SERVICES, INC.

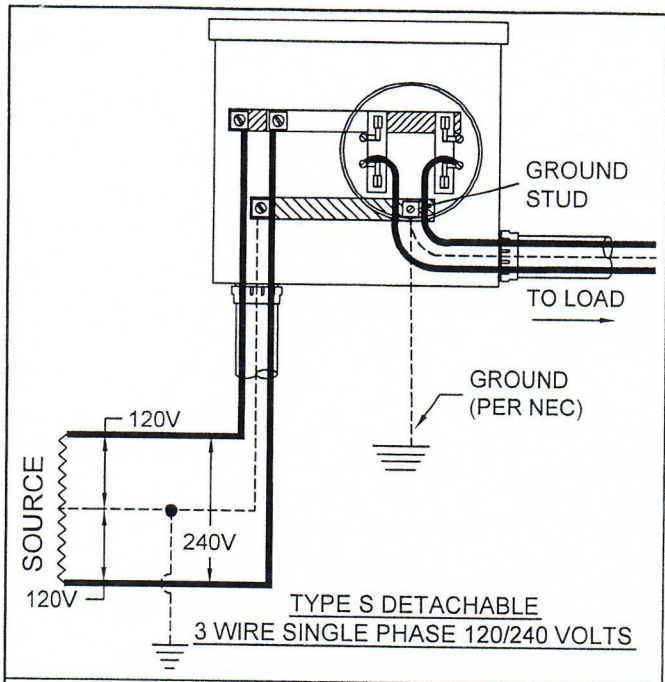
Overhead Service Details for Single Mobile Home Installation

APPROVED BY:	JRH	DATE:	March 1999
CHECKED BY:	LKE	SCALE:	None
DRAWN BY:	JR1		

Entergy

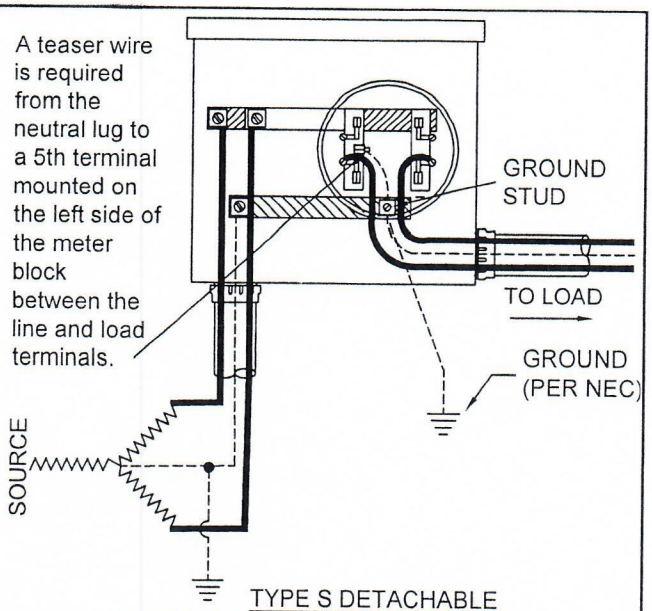
No. SS4.6-2

PLOT 1=1 SH. 1 OF 1

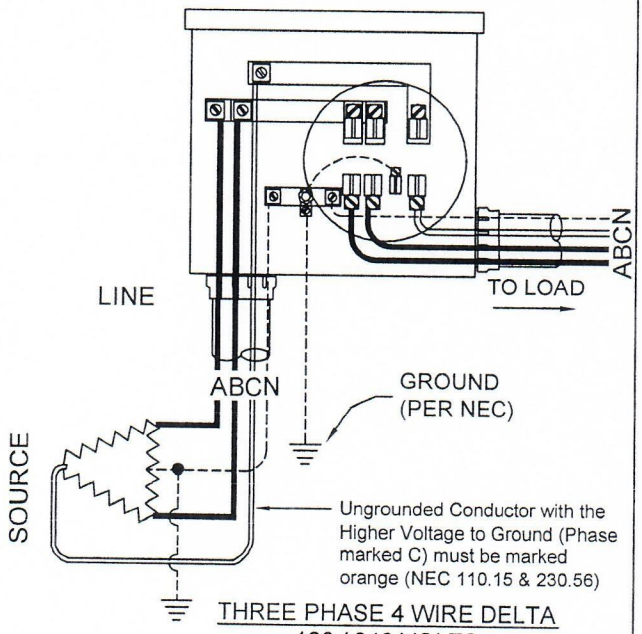


TYPE S DETACHABLE
3 WIRE SINGLE PHASE 120/240 VOLTS

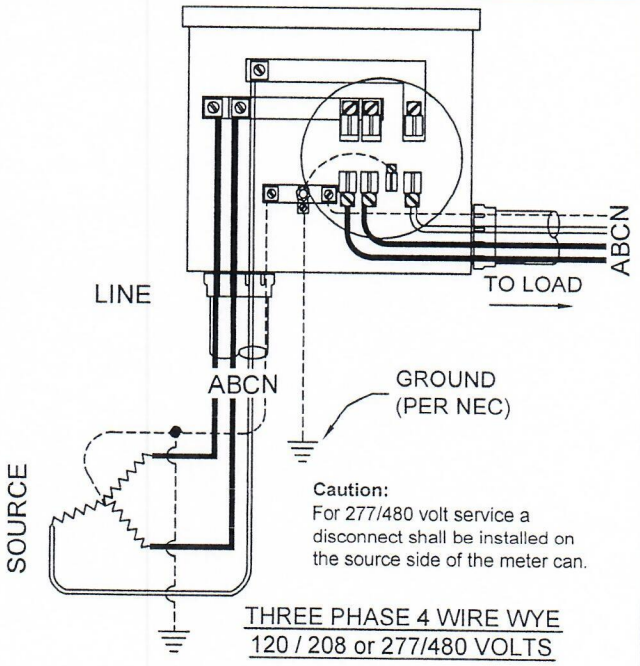
A teaser wire is required from the neutral lug to a 5th terminal mounted on the left side of the meter block between the line and load terminals.



TYPE S DETACHABLE
3 WIRE SINGLE PHASE 120/208 WYE VOLTS



THREE PHASE 4 WIRE DELTA
120 / 240 VOLTS



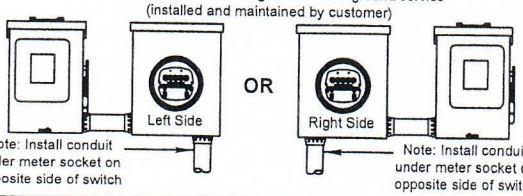
THREE PHASE 4 WIRE WYE
120 / 208 or 277/480 VOLTS

Notes:

1. All diagrams on this drawing show connections when the switch is installed on the right side (see Right Side below) of the meter socket. If the switch is installed on the left side of the meter socket you will need to mirror this diagram (see Left Side below).
2. All sockets, except residential single phase less than 320 Amps, shall have a manual mechanical gang operated bypass switch.
3. Load and supply wires shall not cross in the meter socket (11.1.2.7)

CONDUIT PLACEMENT

Meter socket shall be designed for underground service (installed and maintained by customer)



ENTERGY SERVICES, INC.

WIRING DIAGRAM CONNECTIONS FOR UNDERGROUND SELF CONTAINED METERS

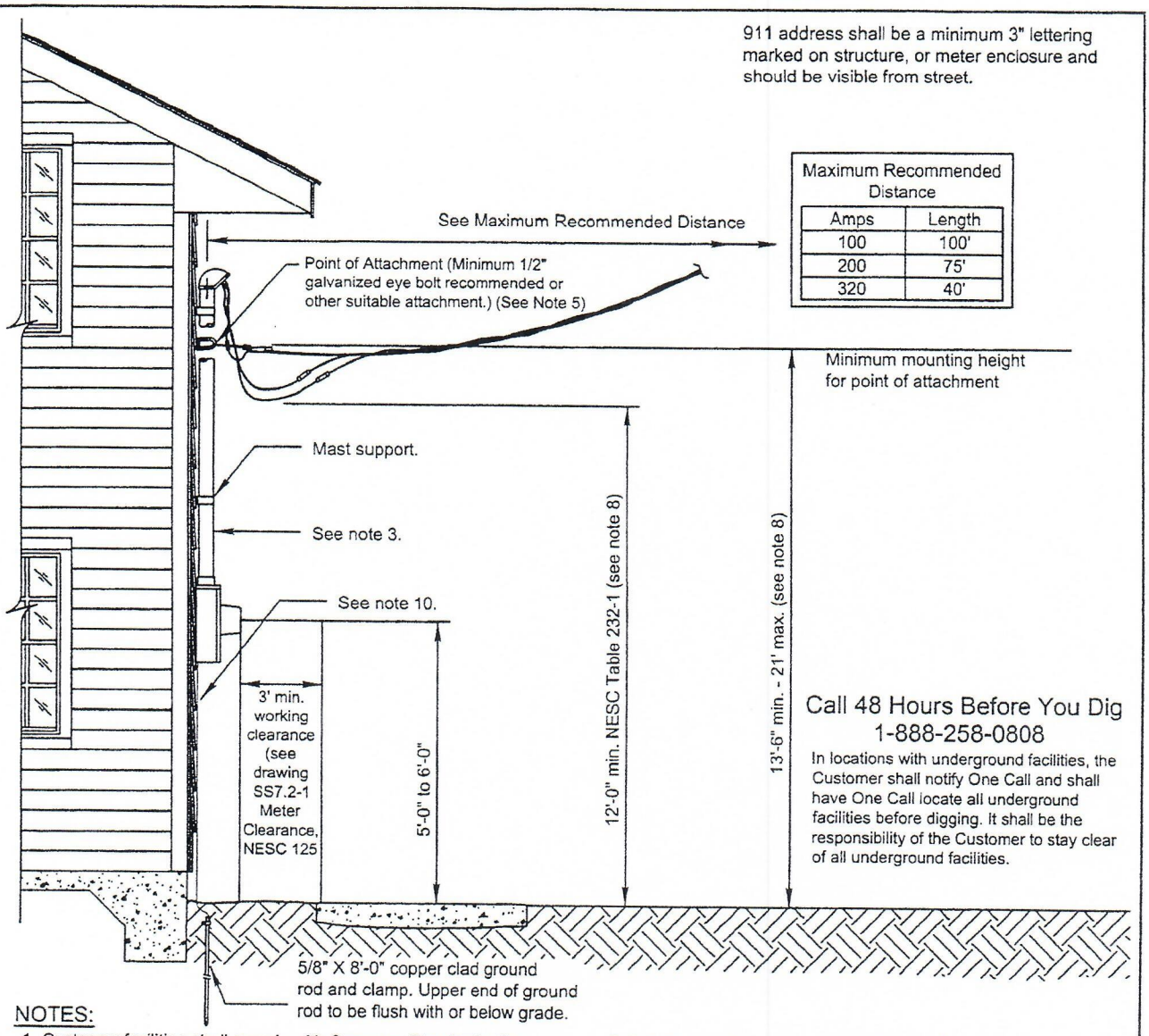
APPROVED BY:	JRH	DATE:	APRIL 2005
CHECKED BY:	JED	SCALE:	NONE
DRAWN BY:	DAT		

NO.	DATE:	REVISION	BY:	APPR:
1	3/08	UPDATED: CUSTOMER INSTALLATION STANDARDS TEAM	DAT	

Entergy

No. SS11.8-2

PLOT 1=1 SH. 2 OF 2



Maximum Recommended Distance

Amps	Length
100	100'
200	75'
320	40'

Call 48 Hours Before You Dig
1-888-258-0808

In locations with underground facilities, the Customer shall notify One Call and shall have One Call locate all underground facilities before digging. It shall be the responsibility of the Customer to stay clear of all underground facilities.

NOTES:

1. Customer facilities shall comply with Company Standards, the National Electrical Code, and authorities having jurisdiction.
2. Buildings or other facilities shall not be constructed under existing company supply lines, nor shall any company supply lines pass over existing buildings or facilities.
3. Rigid/intermediate metal (steel), rigid aluminum, EMT, or schedule 80 PVC gray conduit with U.V. protection sized per table. Weatherhead should be of the same material as the conduit.
4. A minimum of 3'-0" of each conductor shall extend from the top of the service mast. The neutral shall be marked with white tape on both ends and may be bare wire.
5. Customer shall supply and install point of attachment.
6. Main breaker should be within 2'-0" of meter. Outside wall is recommended.
7. Customer shall install meter socket.
8. Additional height may be required to maintain clearance. Point of attachment can be no higher than 21'.
9. Minimum 3 ft. clearance between electric meter and gas meter.
10. Ground wire may be attached to wall (see Section 13.5).
11. Any Service greater than 200 amps, consult the Company.
12. Point of attachment shall be either accessable to Company's bucket truck or have enough surface (such as wall or building structure) and sufficient ground space on same Customer's property to safely support a ladder.

Minimum Customer Wiring Size - Family Residence Single Phase

METER SIZE	CONDUIT SIZE	Current carrying & neutral wire size (per NEC)		GROUND WIRE SIZE
		ALUMINUM	COPPER	
100 Amp	1.5"	#2	#4	#6 *
200 Amp	2"	4/0	2/0	#4 **
320 Amp	3"	Consult NEC		

See NEC 310.15(B) (6) - phase conductors: NEC 220.61 - Neutral, and NEC 250.66 - Ground Wire

* Wire smaller than #6 must be protected from physical damage (see NEC 250.120C)

** For sole connection to rod, plate or pipe type electrode #6 AWG Cu is allowed (see NEC250.66A)

NO.	DATE:	REVISION	BY:	APPR:
4	2/05	UPDATED: CUSTOMER INSTALLATION STANDARDS TEAM	DAT	
3	4/02	UPDATED: CUSTOMER INSTALLATION STANDARDS TEAM	DAT	
2	5/99	UPDATED PER SERVICE STANDARDS TEAM	TKV	
1	6/98	UPDATED PER SOLUTION GROUP RECOMMENDATIONS	MCC	

ENTERGY SERVICES, INC.

TYPICAL PERMANENT OVERHEAD RESIDENTIAL SERVICE #1

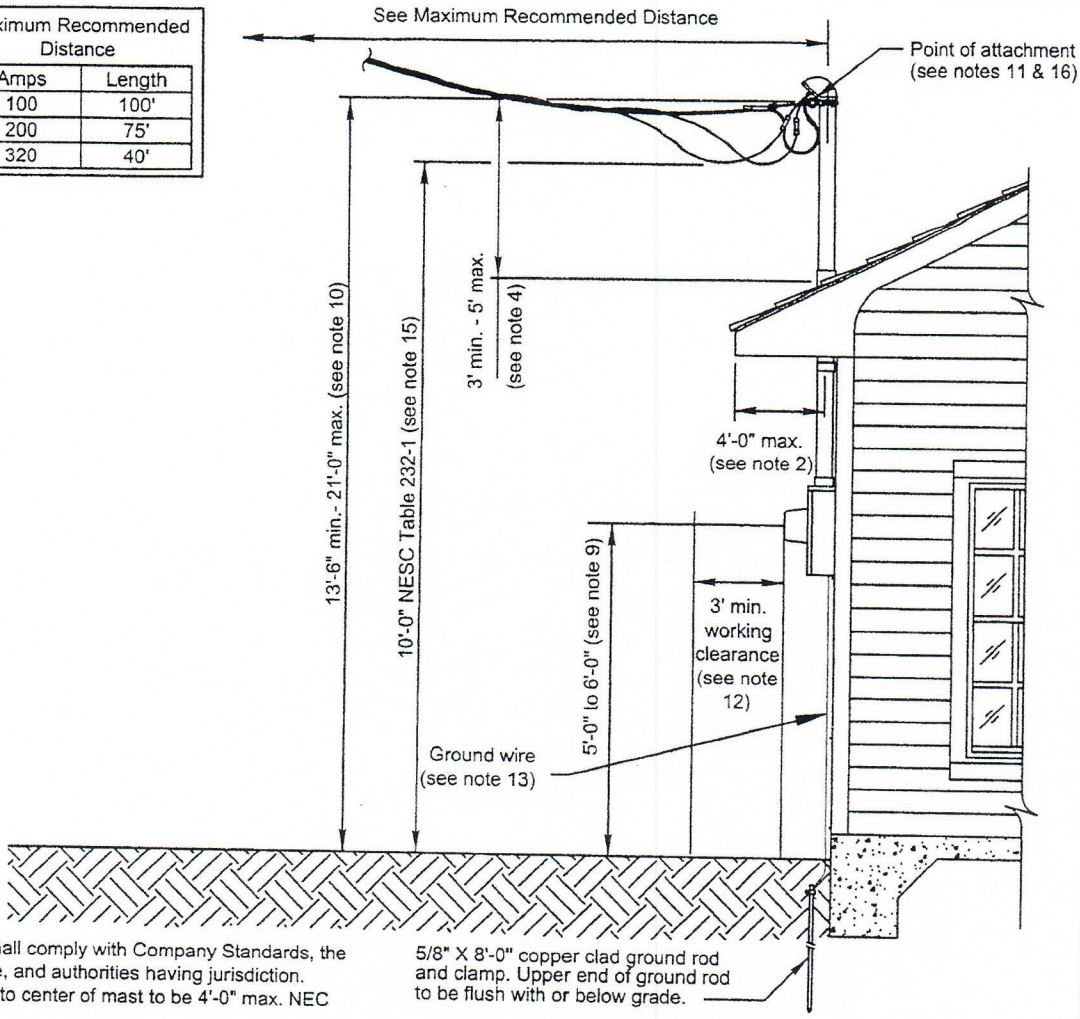
APPROVED BY:	JDS	DATE:	April 1998
CHECKED BY:	LKE	SCALE:	1/8"=1'-0"
DRAWN BY:	WINK-AJC		

Entergy

No. SS7.1-1

PLOT 1=1 SH. 1 OF 1

Maximum Recommended Distance	
Amps	Length
100	100'
200	75'
320	40'



NOTES:

1. Customer facilities shall comply with Company Standards, the National Electrical Code, and authorities having jurisdiction.
2. Distance from fascia to center of mast to be 4'-0" max. NEC 240.24A.
3. Buildings or other facilities shall not be constructed under existing company supply lines, nor shall any company supply lines pass over existing buildings or facilities.
4. Only rigid metal or IMC conduit can be used above the roof.
5. A minimum of 3'-0" of each conductor shall extend from the top of the service mast. The neutral shall be marked with white tape at both ends. Neutral can be bare.
6. Customer shall supply and install point of attachment.
7. Main breaker should be within 2'-0" of meter. Outside wall is recommended.
8. Guying or bracing may be required. NEC 230.28.
9. Customer shall install meter enclosure.
10. Additional height may be required to maintain clearance. Point of attachment can be no higher than 21'. Exception: Point of attachment may be reduced to 11'-6" if all traffic under wire does not exceed 8'-0" height.
11. No telephone or cable attachment allowed on mast. NEC 230.28.
12. Minimum 3 ft. clearance between electric meter and gas meter. See Section 11.3
13. For grounding information see section 13.5.
14. Any Service greater than 200 amps, consult the Company.
15. 10'-0" minimum height to bottom of drip loop when all traffic under wire does not exceed 8'-0" height. (See Section 7.3).
16. Point of attachment shall be either accessable to Company's bucket truck or have enough surface (such as wall or building structure) and sufficient ground space on same Customer's property to safely support a ladder.

Minimum Customer Wiring Size - Family Residence Single Phase				
METER SIZE	CONDUIT SIZE	Current carrying & neutral wire size (per NEC)		GROUND WIRE SIZE
		ALUMINUM	COPPER	
100 Amp	2"	#2	#4	#6 *
200 Amp	2"	4/0	2/0	#4 **
320 Amp	3"	Consult NEC		

See NEC 310.15(B) (6) - phase conductors: NEC 220.61 - Neutral, and NEC 250.66 - Ground Wire

* Wire smaller than #6 must be protected from physical damage (see NEC 250.120C)

** For sole connection to rod, plate or pipe type electrode #6 AWG Cu is allowed (see NEC250.66A)

Call 48 Hours Before You Dig
1-888-258-0808

In locations with underground facilities, the Customer shall notify One Call and shall have One Call locate all underground facilities before digging. It shall be the responsibility of the Customer to stay clear of all underground facilities.

NO.	DATE:	REVISION	BY:	APPR:
4	2/05	UPDATED: CUSTOMER INSTALLATION STANDARDS TEAM	DAT	
3	4/02	UPDATED: CUSTOMER INSTALLATION STANDARDS TEAM	DAT	
2	5/99	UPDATED PER SERVICE STANDARDS TEAM	TKV	
1	6/98	UPDATED PER SOLUTION GROUP RECOMMENDATIONS	MCC	

ENTERGY SERVICES, INC.

TYPICAL PERMANENT OVERHEAD RESIDENTIAL SERVICE #2

APPROVED BY:	JDS	DATE:	April 1998
CHECKED BY:	LKE	SCALE:	None
DRAWN BY:	WINK-AJC		
Entergy		No.	SS7.1-2
		PLOT 1=1	SH. 1 OF 1

❖ Where two or more buildings are supplied from one service, each building must have a grounding electrode. For example, a dwelling has a service supplied from the power company to service equipment on the outside of the dwelling and has two 2-pole circuit breakers as main service disconnects. One 2-pole circuit breaker serves a feeder run to the panelboard inside the dwelling, and the other serves a feeder run to a panelboard at a separate workshop building 100 feet (30 480 mm) away from the dwelling. Both the dwelling and the workshop must have a grounding electrode as described in Section E3608. If there is no grounding electrode at the workshop, one of the grounding electrodes listed in Section E3608 must be installed. A ground rod, concrete encased electrode, or ground ring could be installed. If water is supplied to the separate workshop building through metal pipe, an underground metal water pipe could serve as the grounding electrode. This section states that the grounding electrode at the separate building must be connected in the building disconnecting means in one of the ways described in the two sub-sections that follow. Note that Section E3607.3.2 applies only to existing premises wiring systems. A separate building must have a main disconnect and not simply a panelboard. A main disconnect could be a main circuit breaker in the panelboard that would disconnect all the power to the panelboard.

A grounding electrode is not required in a building if it is served by only one branch separate building supplied by only one bra does not have a grounding electrode, it doe to have a ground rod installed. If a metal un water pipe is already installed at the buildi not have to be bonded to the equipment conductor of the one branch circuit. A buil small tool shed, for example, may have only receptacle. The equipment grounding con with the branch circuit conductors is su ground any equipment for this separate b course, a receptacle in a tool storage shed sory building at grade level would require gr circuit-interrupter protection, but, the grour ductor need not be connected to a groun trode such as a ground rod.

E3607.3.1 Equipment grounding conductor. An grounding conductor as described in Section E39 run with the supply conductors and connected to the structure disconnecting means and to the grour trode(s). The equipment grounding conductor shall grounding or bonding of equipment, structures required to be grounded or bonded. The equipment conductor shall be sized in accordance with Section Any installed grounded conductor shall not be conn

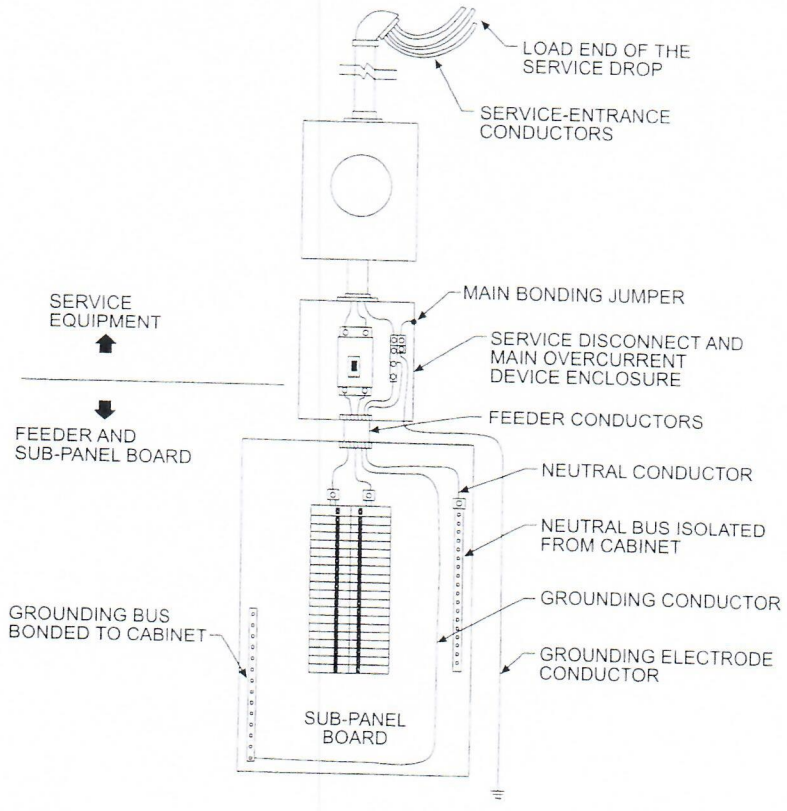


Figure E3607.2
SERVICE EQUIPMENT AND EQUIPMENT ON THE LOAD SIDE OF THE DISCONNECTING MEANS

E3609.3

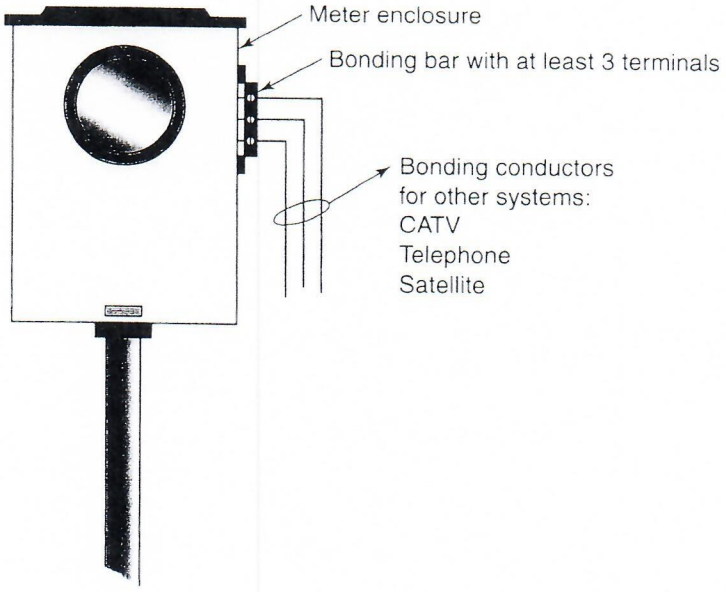
Intersystem Bonding Termination

CHANGE TYPE: Modification

CHANGE SUMMARY: Bonding terminations for communications, satellite, and cable television grounding conductors are now required in one of three prescribed and accessible locations.

2009 CODE: E3609.3 Bonding to for Other Systems. An intersystem bonding termination for connecting intersystem bonding and grounding conductors required for other systems shall be provided external to enclosures at the service equipment and at the disconnecting means for any additional buildings or structures. The intersystem bonding termination shall be accessible for connection and inspection. The intersystem bonding termination shall have the capacity for connection of not less than three intersystem bonding conductors. The intersystem bonding termination device shall not interfere with the opening of a service or metering equipment enclosure. The intersystem bonding termination shall be one of the following:

1. A set of terminals securely mounted to the meter enclosure and electrically connected to the meter enclosure. The terminals shall be listed as grounding and bonding equipment.
2. A bonding bar near the service equipment enclosure, meter enclosure, or raceway for service conductors. The bonding bar shall be connected with a minimum 6 AWG copper conductor to an equipment grounding conductor(s) in the service equipment enclosure, to a meter enclosure, or to an exposed nonflexible metallic raceway.
3. A bonding bar near the grounding electrode conductor. The bonding bar shall be connected to the grounding electrode conductor with a minimum 6 AWG copper conductor.



Intersystem bonding termination

For Underground Service (OPTIONAL Meter)

PC Electric - 5Ft From Mobile Home

Entergy - 3Ft From Mobile Home

Entergy OR Pointe Coupee Electric Utility Pole