EASLEY COMBINED UTILITIES

A Community Tradition

Policy on sub-standard electric meter bases and service points serving residential premises

Adopted by the Commission of Easley Combined Utilities
June 15, 2015

Background

Easley Combined Utilities serves approximately 11,000 residential electric services, the majority of which remain in service without the need to be disconnected. For electrical services that require disconnection, the only method to disconnect the service is to physically remove the meter from the meter base.

Many of the electrical services that require disconnection have meter base installations that do not meet the requirements of the National Electric Code (NEC), also known as National Fire Protection Association (NFPA) 70. These substandard installations pose a personal hazard to both ECU personnel tasked with disconnecting the service and the tenants of the premise. These installation also pose a physical hazard to the structure.

To protect the safety and health of its employees and customers, ECU has instituted an effort to identify and eliminate these substandard meter bases. The following are the specifics of the program.

Program Requirements

1. Any electrical service that has a substandard installation, defined as a meter base installation not meeting the requirements of the NEC, will be required to bring the meter base installation into compliance with the NEC. The requirement to upgrade the installation will be initiated by any of the following events:

   a. termination at the request of the customer, or
   b. termination for non-payment of utility service, or
   c. the transfer of service from one customer to another, or
   d. any electrical issue involving ECU.

2. Upon the occurrence of events detailed above, the non-compliant meter installation must be brought into compliance with the NEC within 30 days from date of notification. Electrical service will be reestablished during the 30 day compliance period.

3. Notice will be given to the tenant and/or owner of the premise as to the requirement to upgrade/repair the meter base installation.
4. If at the end of the 30 day period the installation has not been brought into compliance with the NEC, the service will be disconnected until such time as the meter base is brought into compliance.
5. ECU will not accept the responsibility for the loss of any perishables as the result of the disconnection of electric service due to failure to bring meter base into compliance.
6. Attached are two sketches that show proper installation for overhead meter bases depending on specific circumstances. A licensed electrician should be knowledgeable of all NEC requirements.

General

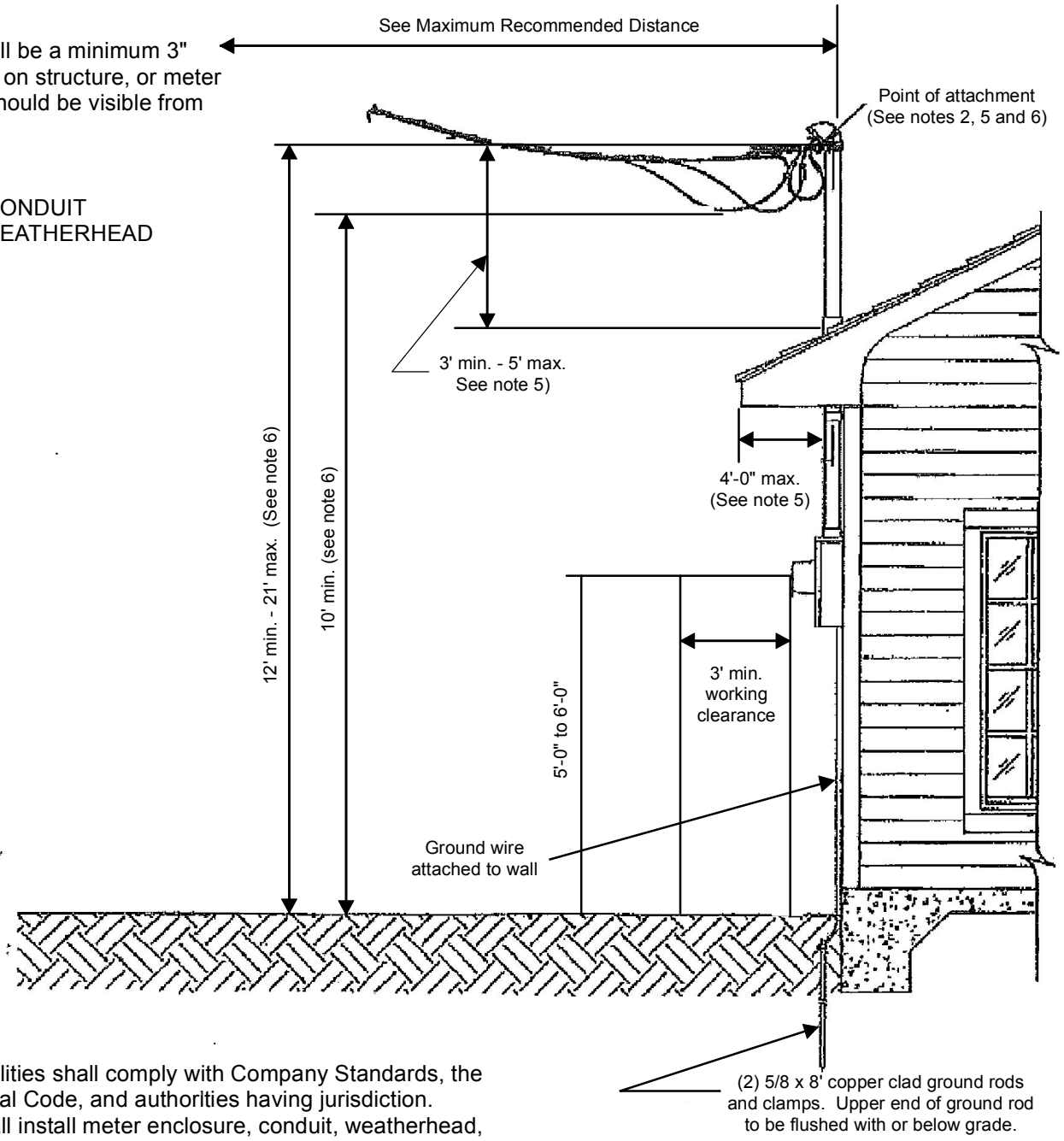
Service disconnections and reconnections can only be performed by ECU personnel. Any disconnection or reconnection of service by anyone other than ECU employees will be considered tampering and will result in immediate disconnection service. Full payment of all past due balances and a payment of a $500 tampering fee will be required prior to the re-establishment of service.

Additional information can obtained by contacting the following:

Jonathan Langston, 864-855-8134
David Chastain, 864-644-8159

911 address shall be a minimum 3" lettering marked on structure, or meter enclosure and should be visible from street.

RIGID METAL CONDUIT
WITH METAL WEATHERHEAD



NOTES:

1. Customer facilities shall comply with Company Standards, the National Electrical Code, and authorities having jurisdiction.
2. Customer shall install meter enclosure, conduit, weatherhead, point of attachment and conductor to point of attachment.
3. A minimum of 3'-0" of each conductor shall extend from the top of the service mast. Then neutral shall be marked with white tape at both ends. Neutral can be bare.
4. Main breaker should be within 2'-0" of meter. Outside wall is recommended.
5. Distance from fascia to center of mast to be 4'-0" max. NEC. Only rigid metal or IMC conduit can be used above the roof. Guying or bracing of the mast may be required. (See drawing D2-1)
6. Clearance. (See Section 7.3)
   a. Point of attachment shall be either accessible to Company's bucket truck or have enough surface (such as wall or building structure) and sufficient ground space.
   b. Additional height may be required to maintain clearance.
   c. Point of attachment can be no higher than 21'.
   d. Minimum 10'-0" height to bottom of drip loop allowed when all traffic under wire does not exceed 8'-0" height.
7. No telephone or cable attachment allowed on mast (NEC).
8. Any service greater than 200 amps, consult the Company.

Minimum Customer Wiring Size - Residence Single Phase				
METER SIZE	CONDUIT SIZE	Current carrying & neutral wire size (per NEC)		COPPER GROUND WIRE SIZE
		ALUMINUM	COPPER	
100 Amp	1.5"	#2	#4	#6
200 Amp	2"	4/0	2/0	#4
320 Amp	3"	500	350	#2

NO.	DATE:	REVISION	BY:	APPR:
1	1/13	REVISION OF DRAWING SS7.1-2	JED	

TYPICAL PERMANENT OVERHEAD SERVICE (ABOVE ROOF LINE)

APPROVED BY: JRH	DATE: 01/09/2013
CHECKED BY: JED	SCALE: None
DRAWN BY: krich95	

No. D7-3

PLOT 1=1 | SH. 1 OF 1

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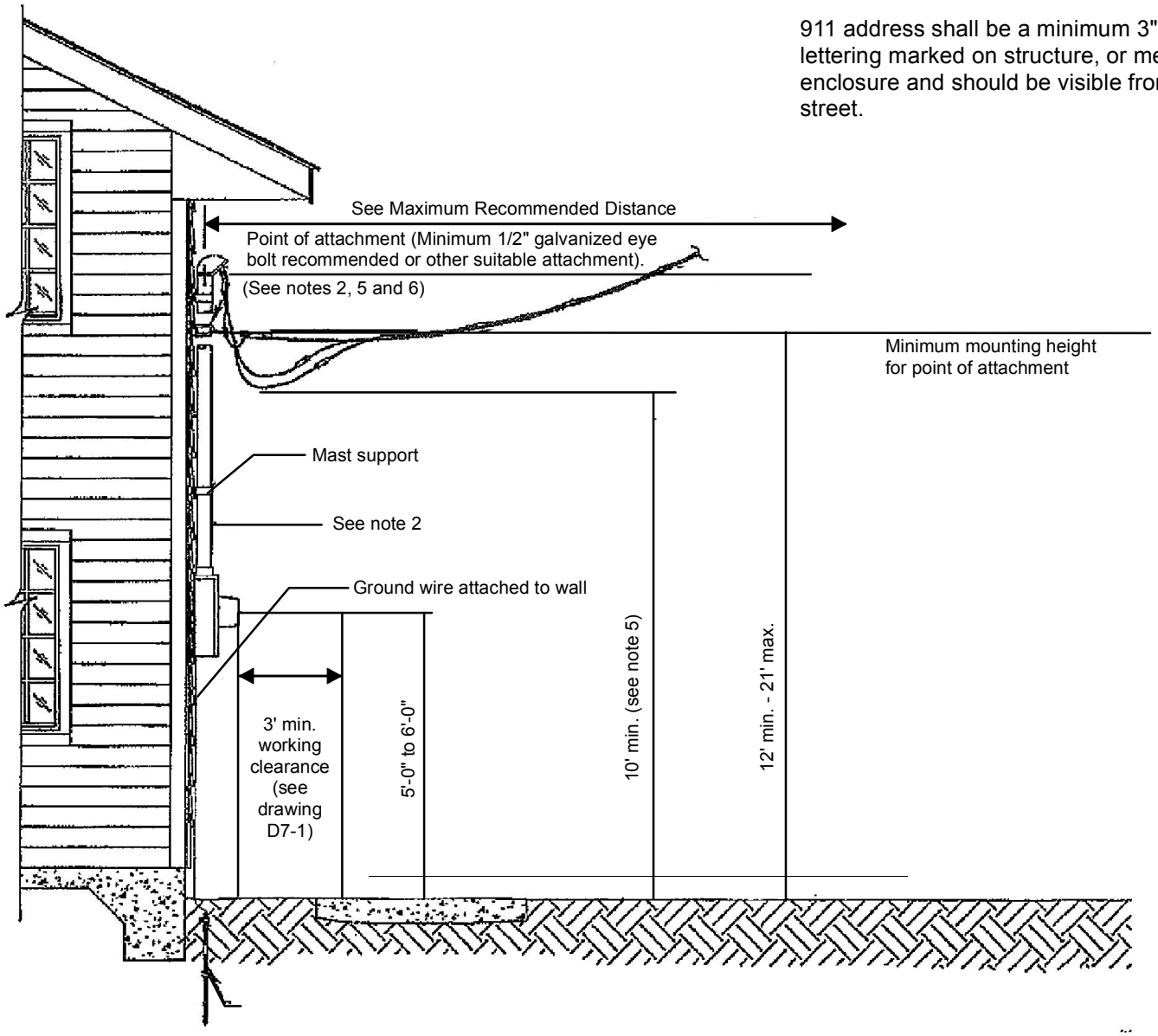

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200 Amp	2"	4/0	2/0	#4
320 Amp	3"	500	350	#2

TYPICAL PERMANENT OVERHEAD SERVICE (UNDER ROOF LINE)

APPROVED BY: JRH	DATE: 10/24/2012
CHECKED BY: JED	SCALE: 1/8" = 1'-0"
DRAWN BY: krich95	

No. D7-2

PLOT 1=1 | SH. 1 OF 1

NO.	DATE:	REVISION	BY:	APPR:
1	10/12	REVISION OF DRAWING SS7.1-1	JED	

Electric Contractors
Current as of September 19, 2018

Electrical Contractors

John Bell Electrical
Mobile 864-449-9036

Bowers Electric
Jerald Bowers 864-855-1990

Bryon Bell Electrical
Mobile 864-303-1704

Clark Moody Electrical
864-915-5391

Davis Electric Company
William Davis 864-271-7436

Corley Plumbing, Air & Electric
Chris Corley 864-288-9733

Durham Electric
864-430-5034

Easley Electric
Ken Stewart 864-878-7628

Electrical Contractors
Ron Alexander 864-979-7325
Jim Alexander 864-979-7324

Jim Freshwater
864-505-3545

Green's Electrical - Robert Green
864-420-5998
864-915-0104
wrgreen777@att.net

JMS Electrical
James Sorrow 864-226-2809
Mac Sorrow 864-934-6280

Lee Electric
Ronnie Lee 864-304-3624

Little's Electric
Michael Little 864-593-7114

Long Electric
Chris Long 864-329-9351

Master's Electrical
Office 864-868-4722
Cell 864-506-4181

McJunkin Electrical
Dale McJunkin 864-855-3363

Moody Electric
Home 864-855-4836
Mobile 864-915-4675

Mullinax Electrical
864-616-9424

Quality Electric Contractors
Shane Alexander 864-303-4432
Office 864-676-9477

Roach Plumbing & Electrical
Mobile 864-915-5063

Ron's Heating & Electric
864-608-7667

Stokes Electric, Inc
Doug Stokes 864-859-1715

Walker Electric
Mobile 864-230-5675
Home 864-859-4772

Williams Electric
Lloyd Moore 864-303-0679

Yeary Electrical
Ron Yeary 864-304-4506