



# **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.

Easley Combined Utilities  
Sub-standard meter base policy

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**

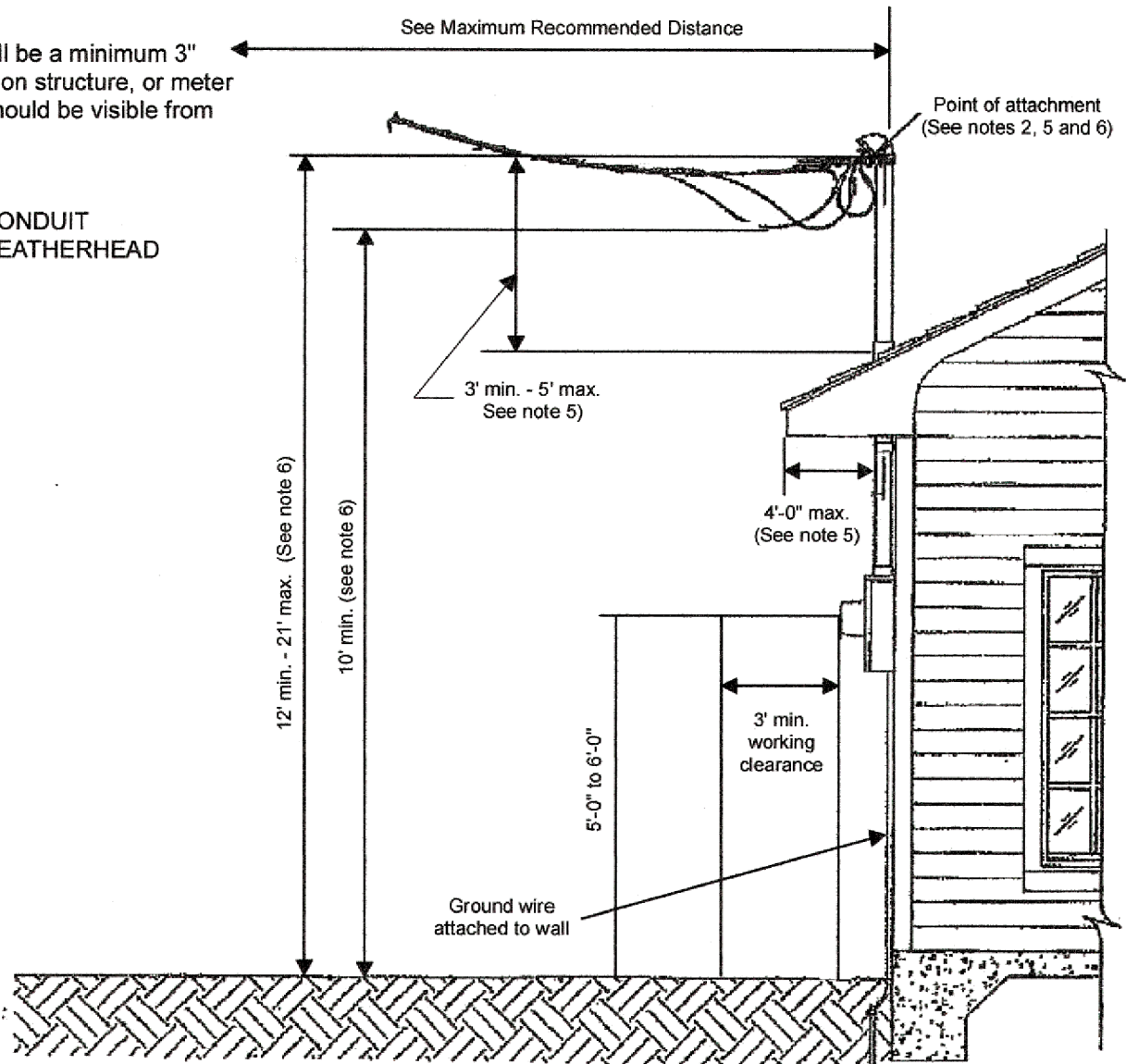
Service disconnections and reconnections can only be performed by ECU personnel. Any disconnection or reconnection of service by anyone other than ECU employees will be considered tampering and will result in immediate disconnection service. Full payment of all past due balances and a payment of a \$500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

Additional information can be 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 ft 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 bars.
4. Distance from fascia to center of mast to be 4 ft max. NEC.
5. Clearance (See Section 7.3)
  - a. Point of attachment shall be either accessible to Company's bucket truck or have enough surface and sufficient ground space.
  - b. Additional height may be required to maintain clearance.
  - c. Point of attachment can be no higher than 21 ft.
  - d. Minimum 10 ft height to bottom of drop loop allowed when all traffic under wire does not exceed 8 ft height.
6. No telephone or cable attachment allowed on mast (NEC).
7. Any service greater than 200 amps, consult the Company.
8. Per 2023 NEC update, all upgrades are to have an external disconnect. Per Code 230.85 Emergency Disconnects (1/1/23)

(2) 5/8 x 8' copper clad ground rods and clamps. Upper end of ground rod to be flushed with or below grade.

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

**TYPICAL PERMANENT OVERHEAD SERVICE (ABOVE ROOF LINE)**

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



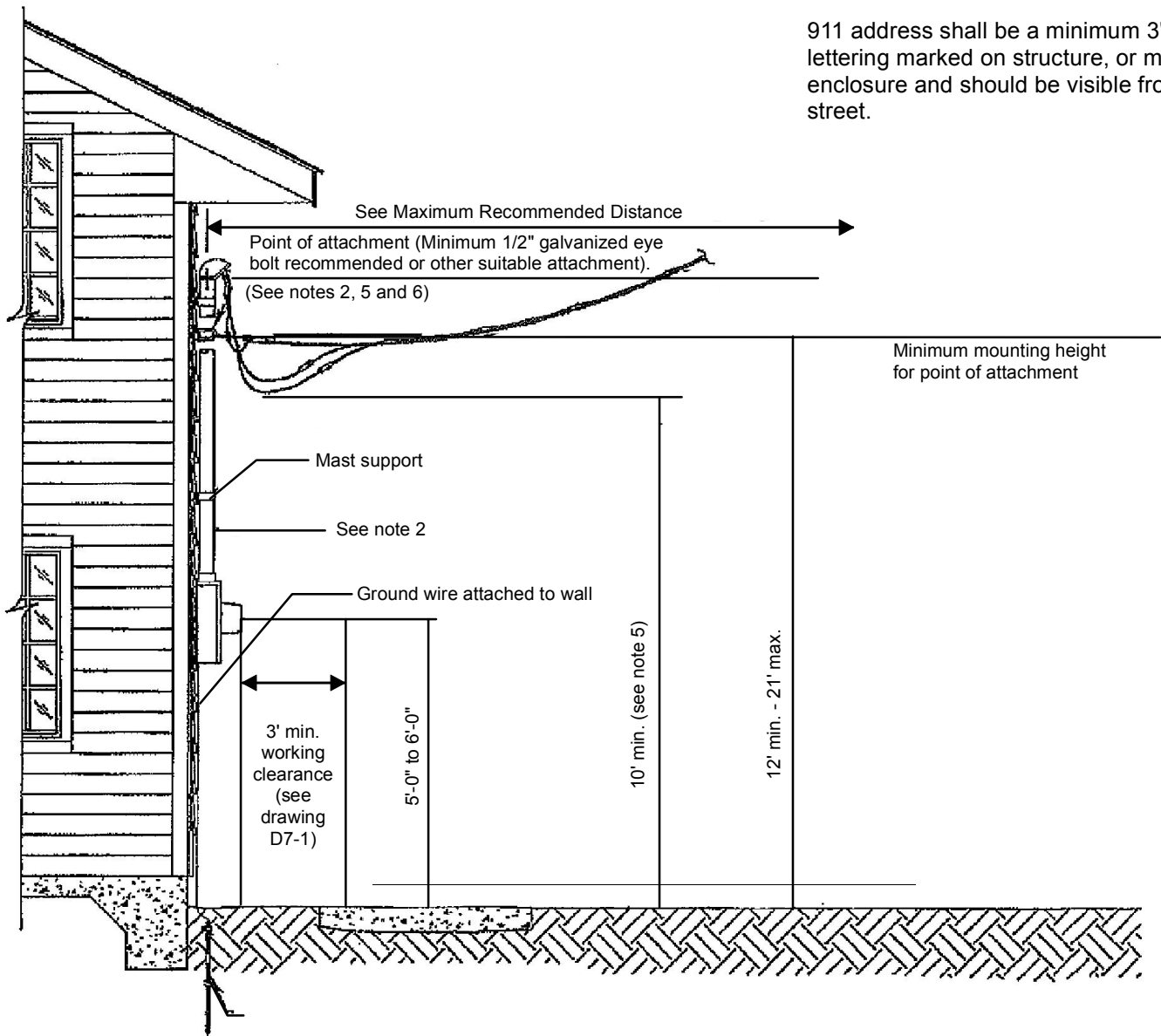
**No. D7-3**

PLOT 1=1

SH. 1 OF 1

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


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



**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. 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.
5. No telephone or cable attachment allowed on mast (NEC).
6. Any service greater than 200 amps, consult the Company.
7. Per 2023 NEC update, all upgrades are to have an external disconnect. Per Code 230.85 Emergency Disconnects Adopted 01/01/2023

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

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		pdated: 08/30/2023	
		<b>No. D7-2</b>	
		PLOT 1=1	SH. 1 OF 1

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

## Electric and Plumbing Contractors

### Electrical Contractors

Clark Moody Electrical

864-915-5391

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

Mark Rumler 864-977-7327

Jim Freshwater

864-505-3545

Lee Electric

Ronnie Lee 864-304-3624

Little's Electric

Michael Little 864-593-7114

Long Electric

Chris Long 864-329-9351

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

Office 864-676-9477

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

Green's Electrical LLC

Robert Green 864-207-3823

[robert@greenselectrical.com](mailto:robert@greenselectrical.com)

### Plumbing Contractors

Allen Henderson

864-423-7783

Mike Rogers

864-616-5808

Watson Repair Service

Rick Watson 864-483-4293

Sid Gossett

864-444-6669

Stephen Jewell Plumbing

Stephen Jewell 864-414-2996

Justin Gregory 864-314-9340

Keith Batson

Mobile 864-918-2158

Home 864-850-0817