Pearl River Valley Electric Power Association

601-928-7277

2865 US 49, Wiggins, MS 39577

Specification Sheets

- Residential Meter Pole
- Non-Residential Meter Pole
- Temporary Meter Pole
- Temporary Underground Meter Pole
- Overhead to Underground Service
- Underground to Underground Service

PEARL RIVER VALLEY ELECTRIC POWER ASSOCIATION

Minimum Requirements

RESIDENTIAL METER POLE

(Mobile Home, Mfr'd Housing, Etc.) & RVs

Meter pole shall be provided, installed and maintained by consumer in accordance with the following specifications:

Pole shall be treated, either round 5 inches in diameter at the top, or square 6 x 6 (20 ft. height only), placed 5 feet in ground, backfilled, and well tamped to prevent leaning. (See table for minimum pole heights.)

Service entrance and disconnect box shall be rated at not less than 100 amperes. Meter socket shall be located 5 to 6 feet above ground line and fastened with wood screws. Rigid conduit, EMT or electrical PVC shall be used from meter socket to weatherhead near top of pole. Pipe shall be fastened to pole with straps. At least 24 inches of wire shall be left at weatherhead for drip loop. Disconnect box shall be weatherproof consisting of main disconnect with appropriately sized breakers or fuses. A house power box may be installed in lieu of meter base and disconnect box.

Weatherproof outlet box, if used, shall be 15 or 20 ampere receptacle with approved Ground Fault Circuit Interruption (GFCI) protection for personnel.

Service ground shall consist of #4 copper wire (minimum acceptable #6) from meter socket to ground rod. Ground rod shall be 5/8 inch by 8 foot long galvanized or copper rod. Ground rod clamp shall be used to connect ground wire to rod. Ground wire shall be secured to pole with staples spaced 6 inches apart.

Power supply to mobile home shall consist of not more than one approved 50 ampere mobile home power supply cord with integrally molded plug or permanently installed circuit of sufficient ampacity. Power supply cord or permanent feeder shall consist of 4 continuous, insulated, color coded conductors, one of which shall be an equipment grounding conductor identified by a green color (see table for size).

Installation shall comply with current National Electrical Code (NEC), Article 550. Compliance is sole responsibility of consumer.

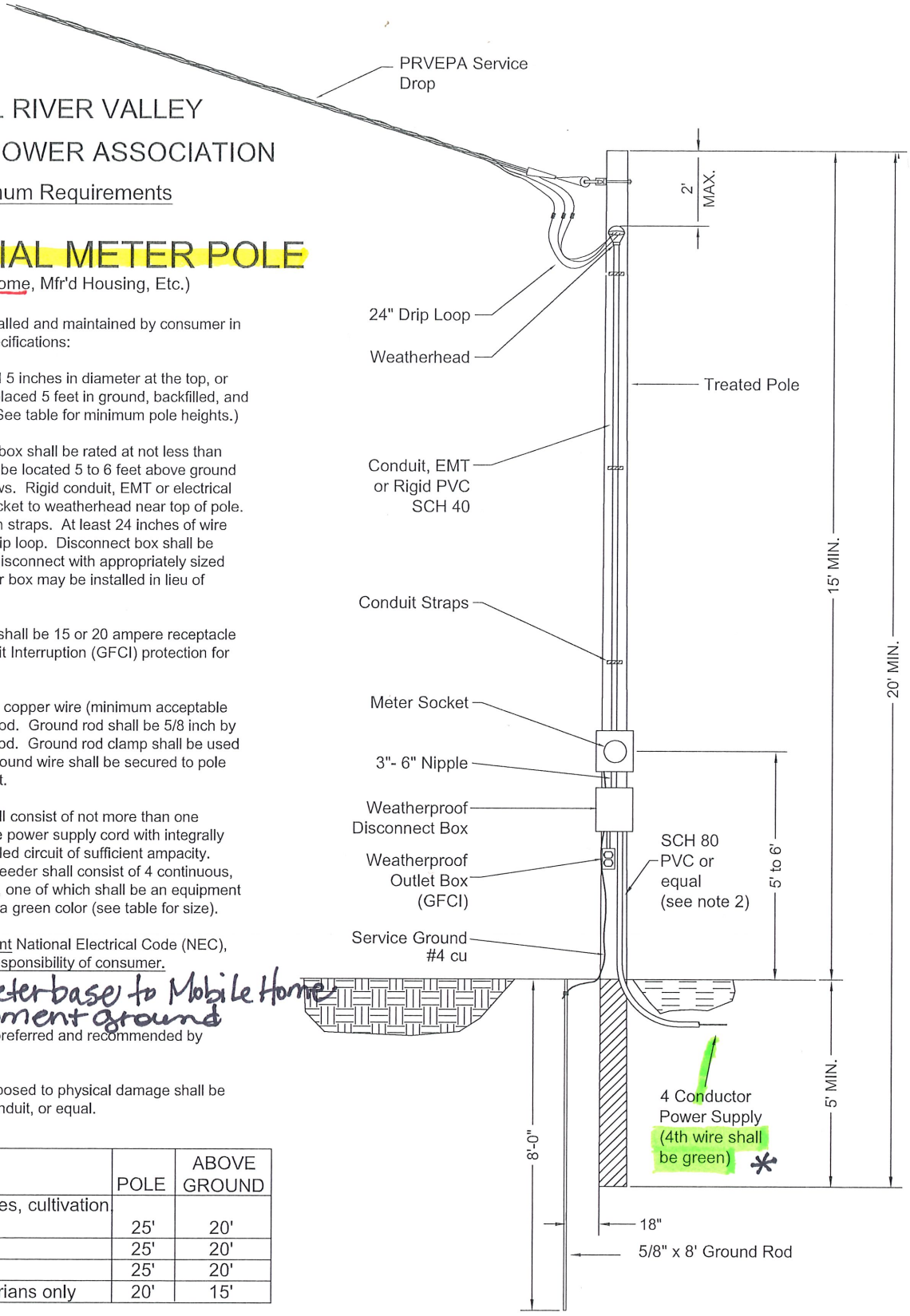
* 4th Wire from meterbase to Mobile Home for equipment ground

NOTES:

1. A copper service entrance is preferred and recommended by PRVEPA.

2. Wiring above ground and/or exposed to physical damage shall be protected by Schedule 80 PVC conduit, or equal.

MINIMUM HEIGHTS:	POLE	ABOVE GROUND
Open land subject to vehicles, cultivation grazing, farm equipment	25'	20'
Vehicular traffic area	25'	20'
Pool or water area	25'	20'
No Vehicular traffic, pedestrians only	20'	15'



CONSUMER OWNED SERVICE REQUIREMENTS								
DISCONNECT SIZE (AMPS)	* EQUIPMENT GROUND (GREEN WIRE)		SERVICE ENTRANCE					
			COPPER WIRE			ALUMINUM WIRE		
	COPPER	ALUMINUM	CONDUCTOR	NEUTRAL	CONDUIT	CONDUCTOR	NEUTRAL	CONDUIT
100	#8	#6	#4	#8	1"	#2	#6	1 1/4"
125	#6	#4	#2	#6	1 1/4"	#1/0	#4	1 1/2"
150	#6	#4	#1/0	#4	1 1/2"	#2/0	#2	2"
200	#6	#4	#2/0	#2	2"	#4/0	#1/0	2"
300	#4	#2	#250	#1/0	2 1/2"	#350	#2/0	3"

EPA-82
REV. 12-27-17

PEARL RIVER VALLEY
ELECTRIC POWER ASSOCIATION

Minimum Requirements

NON-RESIDENTIAL METER POLE
(Commercial, Shop, Pump, Etc.)

Meter pole shall be provided, installed and maintained by consumer in accordance with the following specifications:

Pole shall be treated, either round 5 inches in diameter at the top, or square 6 x 6 (20 ft. height only), placed 5 feet in ground, backfilled, and well tamped to prevent leaning. (See table for minimum pole heights.)

Meter socket shall be 5 to 6 feet above ground line and fastened with wood screws. Rigid conduit, EMT, or electrical PVC shall be used from meter socket to weatherhead near top of pole. Pipe shall be fastened to the pole with straps. At least 24 inches of wire shall be left at weatherhead for drip loop. Disconnect box shall be weatherproof consisting of main disconnect with appropriately sized breakers or fuses.

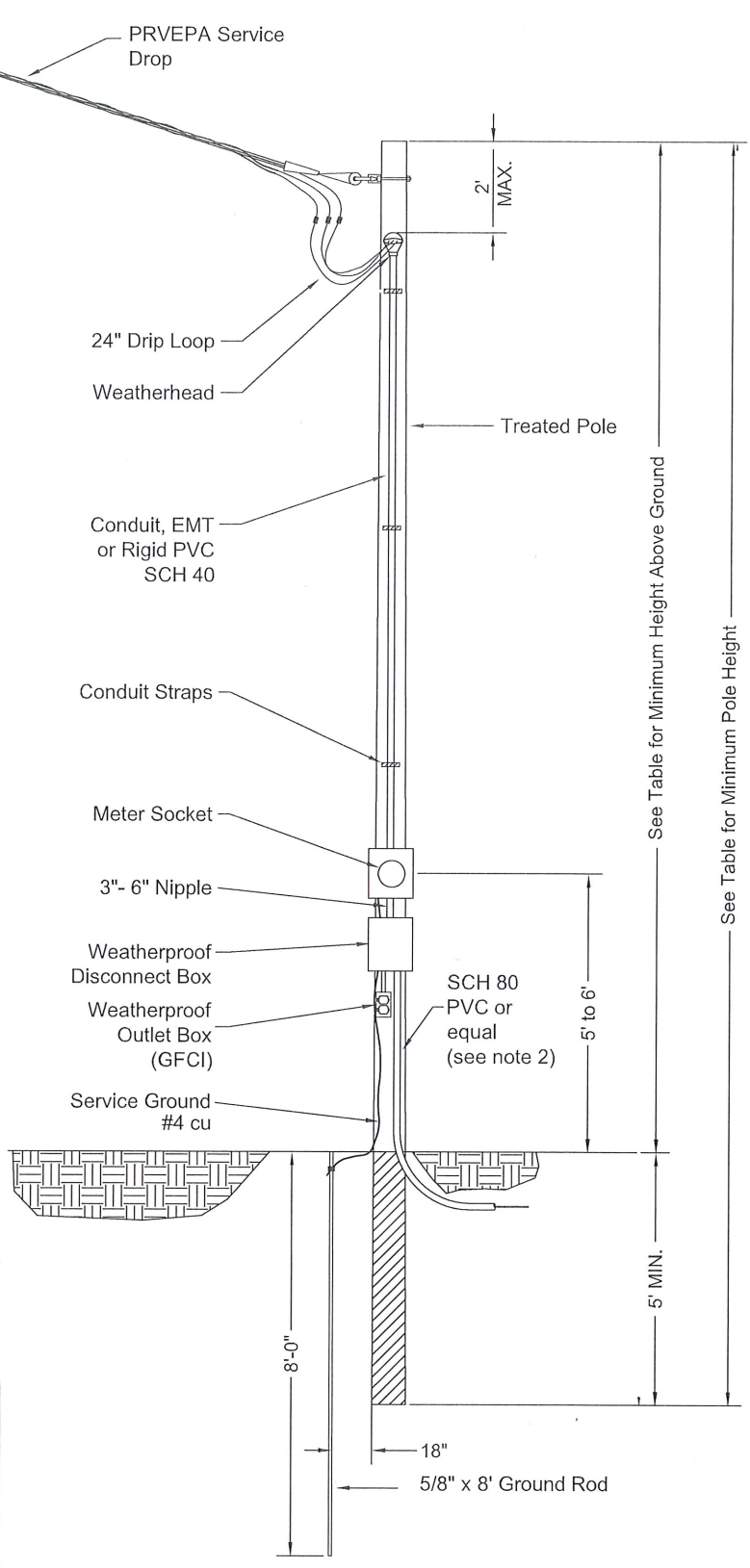
Weatherproof outlet box, if used, shall be 15 or 20 ampere receptacle with approved Ground Fault Circuit Interruption (GFCI) protection for personnel.

Service ground shall consist of #4 copper wire (minimum acceptable #6) from meter socket to ground rod. Ground rod shall be 5/8 inch by 8 foot long galvanized or copper rod. Ground rod clamp shall be used to connect ground wire to rod. Ground wire shall be secured to pole with staples spaced 6 inches apart.

Installation shall comply with current National Electrical Code (NEC). Compliance is sole responsibility of consumer.

NOTES:
1. A copper service entrance is preferred and recommended by PRVEPA.

2. Wiring above ground and/or exposed to physical damage shall be protected by Schedule 80 PVC conduit, or equal.



MINIMUM HEIGHTS:	POLE	ABOVE GROUND
Open land subject to vehicles, cultivation, grazing, farm equipment	25'	20'
Vehicular traffic area	25'	20'
Pool or water area	25'	20'
No Vehicular traffic, pedestrians only	20'	15'

CONSUMER OWNED SERVICE ENTRANCE						
DISCONNECT SIZE (AMPS)	COPPER WIRE			ALUMINUM WIRE		
	CONDUCTOR	NEUTRAL	CONDUIT	CONDUCTOR	NEUTRAL	CONDUIT
60	#6	#6	1"	#4	#4	1"
100-125	#2	#6	1 1/4"	#1/0	#4	1 1/2"
150	#1/0	#4	1 1/2"	#3/0	#2	2"
200	#3/0	#2	2"	#250	#1/0	2 1/2"
300	#300	#1/0	2 1/2"	#400	#2/0	3"

EPA-83
REV. 01-24-17

PEARL RIVER VALLEY
ELECTRIC POWER ASSOCIATION

Minimum Requirements

TEMPORARY METER POLE
For New Construction

Meter pole shall be provided, installed and maintained by consumer in accordance with the following specifications:

Pole shall be treated, either round 4 inches in diameter at top, or square 6 x 6, at least 16, 18, or 25 feet long, placed 4 or 5 feet in the ground, backfilled, and well tamped to prevent leaning.

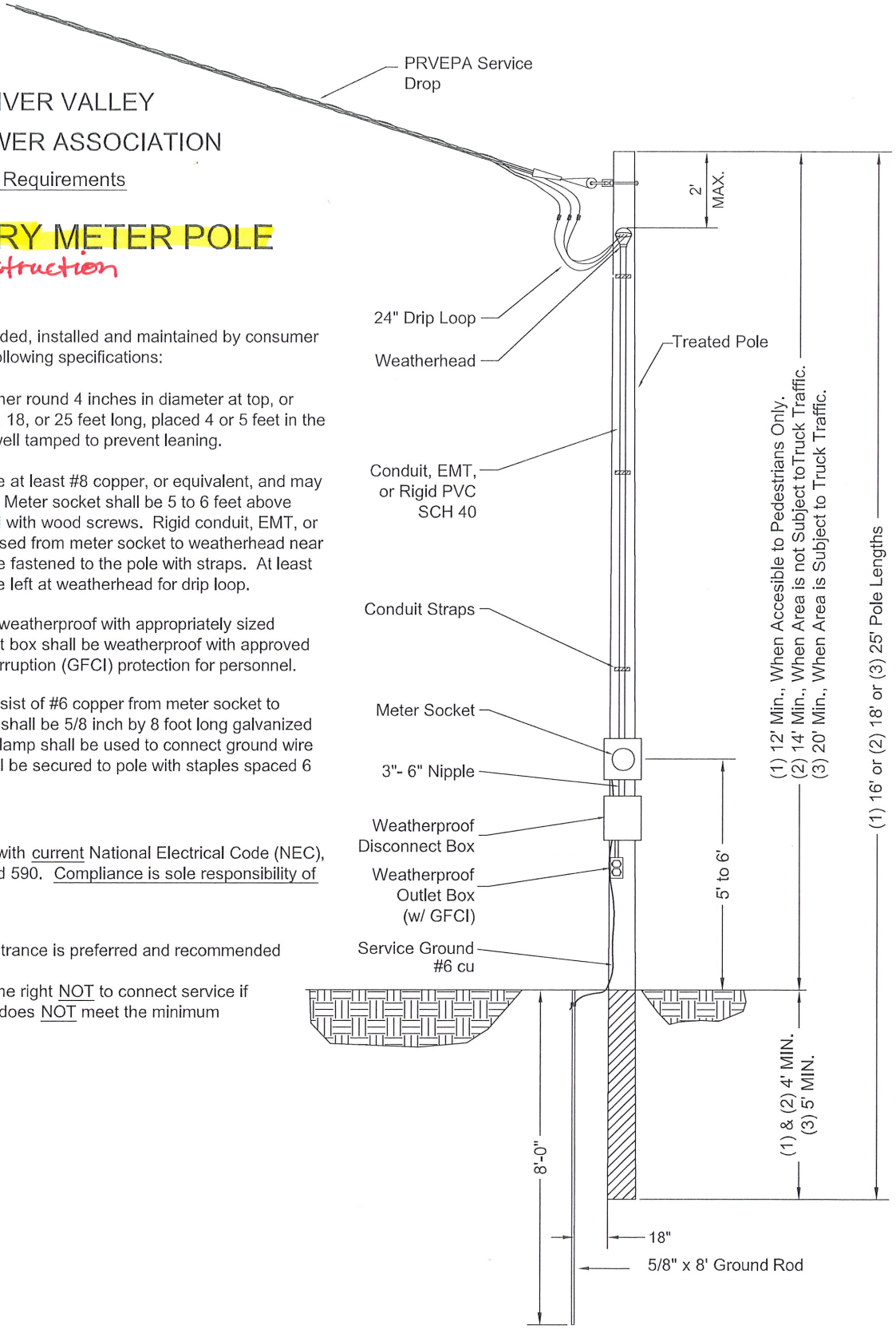
Service entrance shall be at least #8 copper, or equivalent, and may be a 2 or 3 wire service. Meter socket shall be 5 to 6 feet above ground line and fastened with wood screws. Rigid conduit, EMT, or electrical PVC shall be used from meter socket to weatherhead near top of pole. Pipe shall be fastened to the pole with straps. At least 24 inches of wire shall be left at weatherhead for drip loop.

Disconnect box shall be weatherproof with appropriately sized breakers or fuses. Outlet box shall be weatherproof with approved Ground Fault Circuit Interruption (GFCI) protection for personnel.

Service ground shall consist of #6 copper from meter socket to ground rod. Ground rod shall be 5/8 inch by 8 foot long galvanized or copper rod. Ground clamp shall be used to connect ground wire to rod. Ground wire shall be secured to pole with staples spaced 6 inches apart.

Installation shall comply with current National Electrical Code (NEC), including Articles 225 and 590. Compliance is sole responsibility of consumer.

NOTES:
1. A copper service entrance is preferred and recommended by PRVEPA.
2. PRVEPA reserves the right NOT to connect service if consumer's service does NOT meet the minimum requirements.



EPA-84
REV. 08-01-07

PEARL RIVER VALLEY

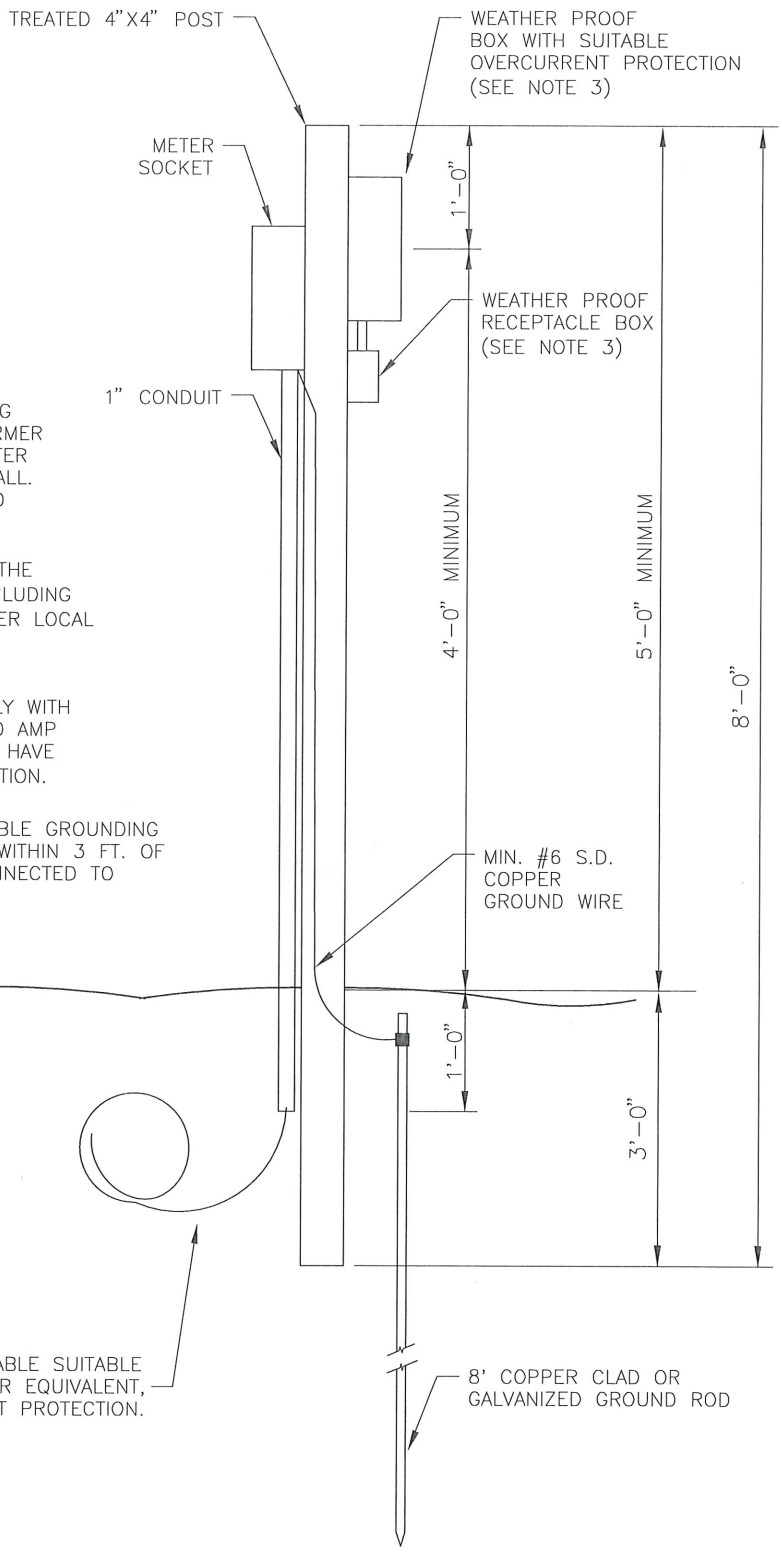
ELECTRIC POWER ASSOCIATION

Minimum Requirements

TEMPORARY UNDERGROUND METER POLE

CAUTION: BEFORE DIGGING CALL 800-227-6477

For New Construction



1. MEMBER RESPONSIBLE FOR FURNISHING & INSTALLING TEMPORARY METER POLE WITHIN 3 FT. OF TRANSFORMER LOCATION, OR A COMPLETELY WIRED TEMPORARY METER POLE MAY BE LEFT ON SITE AND PRVEPA WILL INSTALL. CAUTION: MUST REQUEST PRVEPA TO LOCATE BURIED CABLE BEFORE DIGGING.

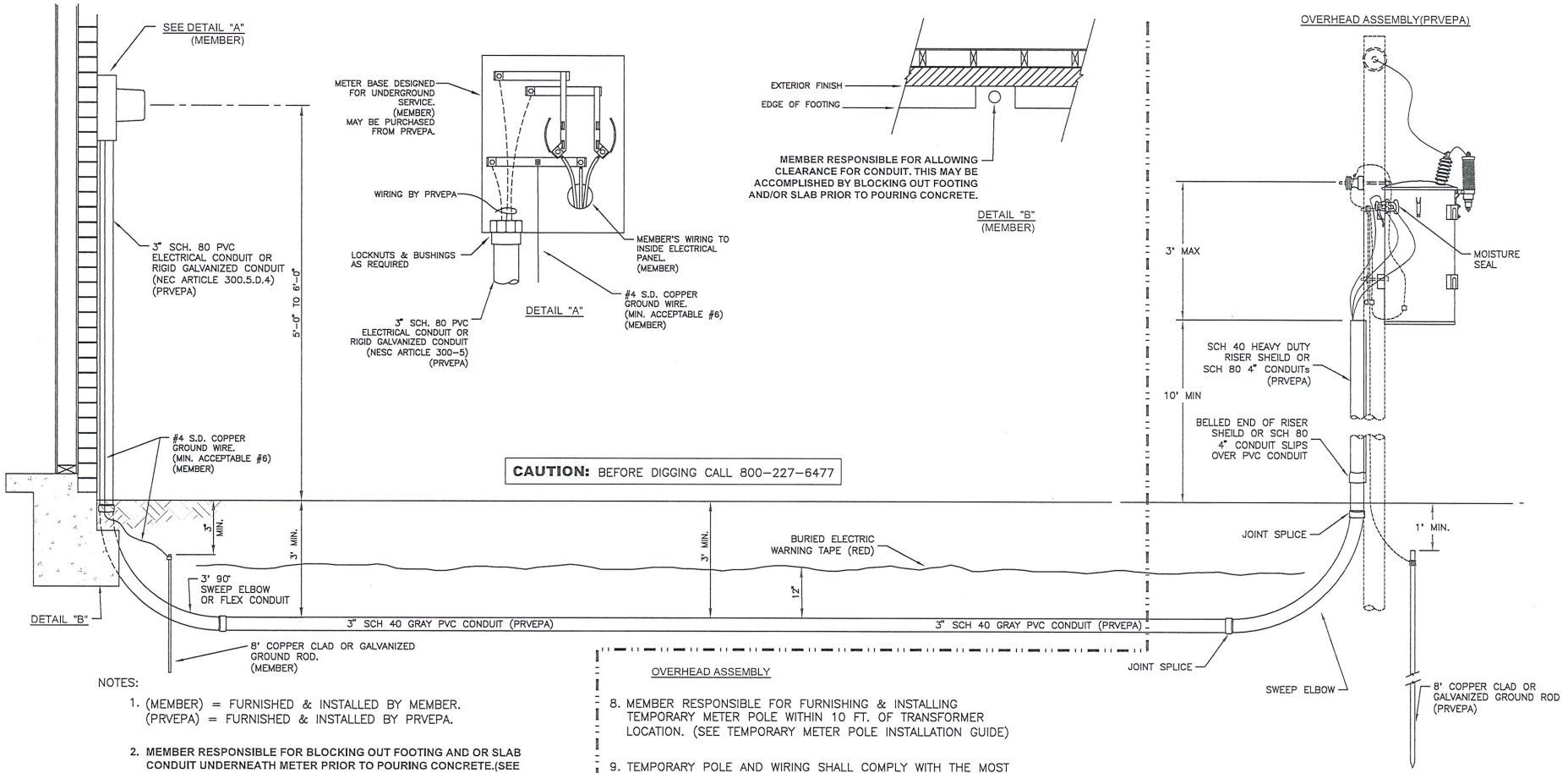
2. TEMPORARY POLE AND WIRING SHALL COMPLY WITH THE MOST CURRENT NATIONAL ELECTRIC CODE (NEC), INCLUDING ARTICLE 305 – "TEMPORARY WIRING," AND ANY OTHER LOCAL CODES.

3. GROUND FAULT PROTECTION FOR PERSONNEL ON CONSTRUCTION SITES SHALL BE PROVIDED TO COMPLY WITH THE NEC. ALL 125 VOLT, SINGLE PHASE, 15 AND 20 AMP RECEPTACLE OUTLETS IN USE BY PERSONNEL SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) PROTECTION.

4. GROUND PLATES OR BUTT WRAPS ARE NOT ACCEPTABLE GROUNDING ELECTRODES. WHEN TEMPORARY POLE IS INSTALLED WITHIN 3 FT. OF TRANSFORMER, GROUNDING CONDUCTOR MAY BE CONNECTED TO TRANSFORMER GROUND ROD BY PRVEPA.

5. IN SUBDIVISIONS WHERE EXISTING CONDUITS ARE AVAILABLE AT ROAD CROSSINGS, PRVEPA WILL INSTALL TEMPORARY CABLE TO TEMPORARY METER POLE ACROSS STREET AT LOT CORNER.

PRVEPA–101
REV. 02–03–04



NOTES:

1. (MEMBER) = FURNISHED & INSTALLED BY MEMBER. (PRVEPA) = FURNISHED & INSTALLED BY PRVEPA.
2. **MEMBER RESPONSIBLE FOR BLOCKING OUT FOOTING AND OR SLAB CONDUIT UNDERNEATH METER PRIOR TO POURING CONCRETE.(SEE DETAIL "B")**
3. CONDUIT FROM METER INTO GROUND MUST BE STRAIGHT WITHOUT BENDS AROUND OR OVER CONCRETE, FOOTER, OR OBSTACLE.(SEE DETAIL "B")
4. HORIZONTAL CONDUIT(S) MUST BE BURIED A MINIMUM OF 3 FT.
5. VERTICAL CONDUIT–SCHEDULE 80; HORIZONTAL CONDUIT–SCHEDULE 40.
6. ALL CONDUIT JOINTS MUST BE GLUED WATER TIGHT.
7. NO MORE THAN TWO(2) 45 OR ONE(1) 90 DEGREE BENDS ARE PERMITTED IN HORIZONTAL CONDUITS BETWEEN METER AND PRVEPA EQUIPMENT.

OVERHEAD ASSEMBLY

8. MEMBER RESPONSIBLE FOR FURNISHING & INSTALLING TEMPORARY METER POLE WITHIN 10 FT. OF TRANSFORMER LOCATION. (SEE TEMPORARY METER POLE INSTALLATION GUIDE)
9. TEMPORARY POLE AND WIRING SHALL COMPLY WITH THE MOST CURRENT NATIONAL ELECTRIC CODE (NEC) INCLUDING ARTICLE 305 AND ANY OTHER LOCAL CODE.
10. GROUND FAULT PROTECTION FOR PERSONNEL ON CONSTRUCTION SITES SHALL BE PROVIDED TO COMPLY WITH THE NEC. ALL 125 VOLT, SINGLE PHASE, 15 AND 20 AMP RECEPTACLE OUTLETS THAT ARE IN USE BY PERSONNEL SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) PROTECTION.

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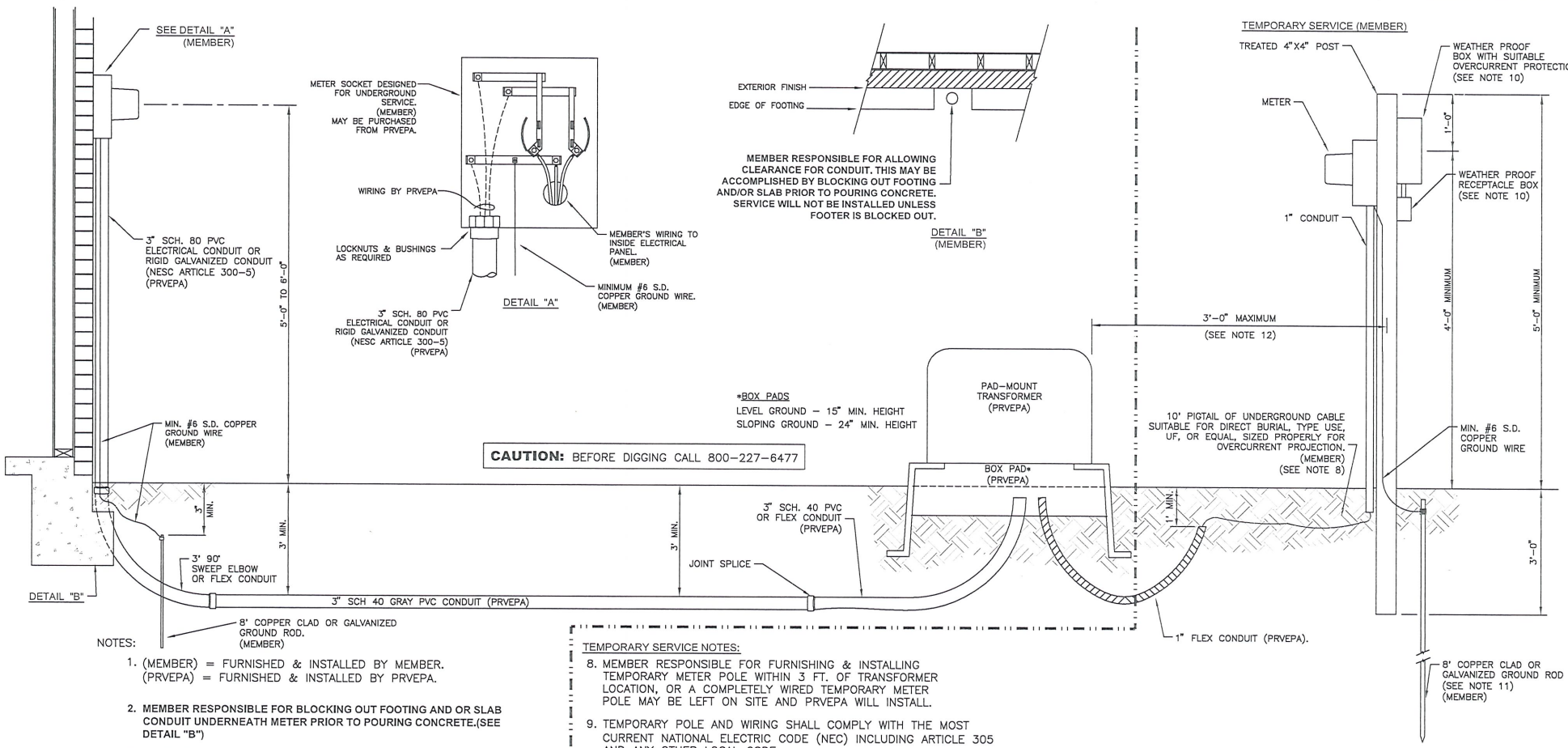
PEARL RIVER VALLEY
ELECTRIC POWER ASSOCIATION
COLUMBIA • HATTIESBURG • PURVIS • WIGGINS

UNDERGROUND SERVICE GUIDE
OVERHEAD TO UNDERGROUND
PRVEPA–103



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2. **MEMBER RESPONSIBLE FOR BLOCKING OUT FOOTING AND OR SLAB CONDUIT UNDERNEATH METER PRIOR TO POURING CONCRETE.(SEE DETAIL "B")**
3. CONDUIT FROM METER INTO GROUND MUST BE STRAIGHT WITHOUT BENDS AROUND OR OVER CONCRETE, FOOTER, OR OBSTACLE.(SEE DETAIL "B")
4. HORIZONTAL CONDUIT(S) MUST BE BURIED A MINIMUM OF 3 FT.
5. VERTICAL CONDUIT-SCHEDULE 80; HORIZONTAL CONDUIT-SCHEDULE 40.
6. ALL CONDUIT JOINTS MUST BE GLUED WATER TIGHT.
7. NO MORE THAN TWO(2) 45 OR ONE(1) 90 DEGREE BENDS ARE PERMITTED IN HORIZONTAL CONDUITS BETWEEN METER AND PRVEPA EQUIPMENT.

TEMPORARY SERVICE NOTES:

8. MEMBER RESPONSIBLE FOR FURNISHING & INSTALLING TEMPORARY METER POLE WITHIN 3 FT. OF TRANSFORMER LOCATION, OR A COMPLETELY WIRED TEMPORARY METER POLE MAY BE LEFT ON SITE AND PRVEPA WILL INSTALL.
9. TEMPORARY POLE AND WIRING SHALL COMPLY WITH THE MOST CURRENT NATIONAL ELECTRIC CODE (NEC) INCLUDING ARTICLE 305 AND ANY OTHER LOCAL CODE.
10. GROUND FAULT PROTECTION FOR PERSONNEL ON CONSTRUCTION SITES SHALL BE PROVIDED TO COMPLY WITH THE NEC. ALL 125 VOLT, SINGLE PHASE, 15 AND 20 AMP RECEPTACLE OUTLETS THAT ARE IN USE BY PERSONNEL SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) PROTECTION.
11. GROUND PLATES OR BUTT WRAPS ARE NOT ACCEPTABLE GROUNDING ELECTRODES. WHEN TEMPORARY POLE IS INSTALLED WITHIN 3 FT. OF TRANSFORMER, GROUNDING CONDUCTOR MAY BE CONNECTED TO TRANSFORMER GROUND ROD BY PRVEPA.
12. IN SUBDIVISIONS WHERE EXISTING ROAD-CROSSING CONDUITS ARE AVAILABLE, PRVEPA WILL INSTALL TEMPORARY CABLE TO TEMPORARY METER POLE ACROSS STREET AT LOT CORNER.

REV LTR	DATE	DESCRIPTION	APPR
A	12/18/03	CORRECT TO DATE	DHB

REVISIONS

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UNDERGROUND SERVICE GUIDE UNDERGROUND TO UNDERGROUND

PRVEPA-104