Call before you dig 1-800-482-8998

In location with underground facilities, the Customer shall notify Arkansas 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.

NEC = National Electric Code
Current Code Requirement

NOTES:
1. Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
2. All conduit connections to be rain tight.
3. Physical location of pole and any guying (if needed) will be approved by CECC.
4. Additional pole height may be required to maintain proper clearance.
5. Customer provides and installs service entrance wires, size #6 copper. A minimum of 18" of each conductor shall extend beyond the weatherhead. All wires should be same size. NEC 250.50(B).
6. Customer installed minimum 1/2" galvanized eye bolt with 2" x 2" square washer recommended.

CRAIGHEAD ELECTRIC COOPERATIVE
TEMPORARY SERVICE FROM AN OVERHEAD SOURCE

APPROVED BY: KB       DATE: 2-21-18
CHECKED BY: WG        SCALE: none
DRAWN BY: mbarnes      DWG NO.: 1101
ELECTRICIANS!!!

Always contact Engineering, Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your conduit. Also, leave 36 inches of wire hanging out of the weatherhead.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note: 1. Meter Loop shall comply with National Electrical Code and Authorities having jurisdiction.

2. Meter Loop shall be completely assembled.

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead shall be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

Mark Neutral with white tape

OPTION 1

Bushings & Locknuts

must be metal nipple 6 inches long

Volt Reading:
A-B 240 VOLT
B-N 120 VOLT
A-N 120 VOLT

OPTION 2

Meter socket combo 200 Amp weather-tight disconnect

Pole ground wire shall be #6 copper & 18 inches long.

2 inch hub

200 Amp rain-tight fusable or breaker type disconnect.

CUSTOMER INSTALLATION MINIMUM WIRING SIZE

<table>
<thead>
<tr>
<th>EXPECTED LOAD</th>
<th>CONDUIT SIZE</th>
<th>ALUMINUM (INSULATION PER NEC)</th>
<th>COPPER (INSULATION PER NEC)</th>
<th>NEUTRAL WIRE SIZE</th>
<th>GROUND WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 Amp</td>
<td>2 Inches</td>
<td>4/0</td>
<td>2/0</td>
<td>same as phase</td>
<td>#6 Cu</td>
</tr>
</tbody>
</table>

NEC = National Electric Code
Current Code Requirement
CUSTOMER INSTALLATION MINIMUM WIRING SIZE FOR SINGLE FAMILY DWELLING

<table>
<thead>
<tr>
<th>EXPECTED LOAD</th>
<th>CONDUIT SIZE</th>
<th>ALUMINUM (INSULATION PER NEC)</th>
<th>COPPER (INSULATION PER NEC)</th>
<th>NEUTRAL WIRE SIZE</th>
<th>GROUND WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 Amp</td>
<td>2&quot;</td>
<td>4/0</td>
<td>2/0</td>
<td>same as phase</td>
<td>#6 Cu</td>
</tr>
<tr>
<td>320 Amp</td>
<td>2, 5, 3&quot;</td>
<td>500 kcm</td>
<td>350 kcm</td>
<td>same as phase</td>
<td>#6 Cu</td>
</tr>
</tbody>
</table>

NEC= National Electric Code
Current Code Requirement

1. Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
2. Buildings or other facilities shall not be constructed under existing company supply lines.
3. Rigid/Intermediate metal (steel), rigid aluminum, or schedule 80 PVC gray electrical conduit. Weatherhead shall be same material as the conduit.
4. A minimum of 18" of each conductor shall extend from the top of the service mast. The neutral shall be marked with white tape on both ends.
5. Customer shall install point of attachment.
6. Customer shall install meter socket and Load Break switch or combo meter socket and main breaker.
7. Ground wire shall be attached to wall 1/2" gray PVC conduit.
8. Any Service greater than 320 amps, consult CECC.

ELECTRICIANS!!:
Always contact Engineering, Dispatch or the District Manager before building your service entrance. They will tell you specifications for the length of your conduit. Also, leave 36 inches of wire hanging out of the Weatherhead.
Point of attachment
Conduit Mast Clamp.
Installed by customer.
Minimum of 24 inches above roof

CECC Stops at Wire
Connections Before
Weatherhead

Minimum mounting height
for point of attachment

2" or larger Rigid Steel Conduit
See note #4

4 ft. max
See note #2

0.5" gray
PVC for
groundwire

Shall be metal
6" long

200 Amp or
larger.

Option #1

Option #2

3/8" gray
PVC for
groundwire

Note: Meter Socket shall not be
closer than 3 feet to window,
door, gas meter or corner of
structure.

6 - 0"

3'-0"
min.
working
clearance

(2) 5/8" x 8'-0" copper
clad groundrods and
clamp. Upper end of
groundrods to be flush
with or below grade
N.E.C. Code 250.56

ELECTRICIANS!!
Always contact Engineering
Dispatch or the District Manager
before building your service
entrance. They will tell you
specifications for the length of your
conduit. Also, leave 36 inches
of wire hanging out of the
weatherhead.

NOTES:

1. Customer facilities shall comply with the National Electrical Code and
authorities having jurisdiction.

2. Distance from fascia to center of mast to be 4'-0" max. NEC 230.29

3. Buildings or other facilities shall not be constructed under existing
company supply lines.

4. Only continuous rigid steel 2", 2.5", 3" or IMC conduit can be used
above the roof.

5. A minimum of 18" of each conductor shall extend from the
top of the service mast. The neutral shall be marked with
white tape at both ends.

6. If mast is over 3'-0", it shall be guyed.

7. Customer shall install meter socket, and Load Break Disconnector
or Combo Socket with Main Breaker.

8. No telephone or cable attachment allowed on mast. NEC 230.28.

9. Ground wire shall be attached to wall in PVC, NEC Code 250.52

10. Any Service greater than 320 amps, consult CECC.

11. #6 Copper for Ground Rods. See NEC Code #250.66 A, B & C
for other permitted grounds.

CUSTOMER INSTALLATION MINIMUM WIRING SIZE FOR SINGLE FAMILY DWELLING

<table>
<thead>
<tr>
<th>EXPECTED LOAD</th>
<th>CONDUIT SIZE</th>
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<th>NEUTRAL WIRE SIZE</th>
<th>GROUND WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 Amp</td>
<td>2&quot;</td>
<td>4/0</td>
<td>2/0</td>
<td>same as phase</td>
<td>#6 Cu</td>
</tr>
<tr>
<td>320 Amp</td>
<td>2.5&quot; or 3&quot;</td>
<td>500 kom</td>
<td>350 kom</td>
<td>same as phase</td>
<td>#6 Cu</td>
</tr>
</tbody>
</table>

NEC = National Electric Code
Current Code Requirement

CRAIGHEAD ELECTRIC COOPERATIVE
TYPICAL PERMANENT OVERHEAD
RESIDENTIAL SERVICE #2

APPROVED BY: KB          DATE: 2-21-18
CHECKED BY: WG           SCALE: none
DRAWN BY: mmbarre         DWG NO.: 1104
ELECTRICIANS!!
Always contact Engineering, Dispatch or the District Manager before installing your service entrance. They will tell you specifications for the length of conduit. Also leave 36 inches of wire hanging out of the Weatherhead.

CECC stops at connection - Neutral marked with white tape

Weatherproof or duct

Wireway or bus duct

Equipment Grounding electrode conductor

Weatherproof Threaded hub

Neural conductor

DETAIL B

NOTES:
1. Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
2. A main disconnect is required for seven or more disconnects (National Electrical Code article 230.71(a)). A main disconnect is recommended in all cases for isolation of this disconnect/meter group from any other groups served by the same company transformer.
3. This installation applies to two (2) or more meters at one location.
4. CECC installs, owns, and maintains service and service connectors. Neutral shall be marked with white tape on both ends.
5. Each meter and disconnect shall be permanently and plainly marked to designate unit served.
6. Protective bushings required on conduits.
7. CECC shall make connection at top of weatherhead only.
8. Customer Installed minimum 1/2" galvanized eye bolt with 2" x 2" square washer recommended.
9. All material shall be suitable for outdoor use.
10. Equipment to be installed at location designated by CECC.
11. #6 Cu Wire for Ground Rods. Other acceptable materials see NEC Code 250.56 A, B and C.

Call Before You Dig
1-800-482-8998

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.

CRAIGHEAD ELECTRIC COOPERATIVE
CUSTOMER OWNED MULTIPLE METER
OVERHEAD SERVICE

APPROVED BY: KB
DATE: 2-21-18
CHECKED BY: WG
SCALE: none
DRAWN BY: mbarnes
DWG NO.: 1105

NEC = National Electric Code
Current Code Requirement
ELECTRICIANS!!:
Always contact Engineering, Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your conduit. Also, leave 36 inches of wire hanging out of the weatherhead.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note: 1. Customer facilities shall comply with National Electrical Code and authorities having jurisdiction.

Note: 2. Meter Loop shall be completely assembled.

Volt Reading
A - B 480 Volt
A - N 240 Volt
B - N 240 Volt

OPTION 1

Ground Lug
Ground Bar
* See Note

Pole ground wire shall be #6 copper and 18" long.

Bushings & Locknuts

5th Leg at 6 O'Clock
Must be Metal Nipple 6 inches long

* Insure that ground bar is clamped under 5th leg.

CECC Stops at Wire Connections Before Weatherhead
Mark Neutral with white tape.

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead shall be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

---

CRAIGHEAD ELECTRIC COOPERATIVE

5 TERMINAL 240/480 V SINGLE PHASE METER LOOP

EXPECTED LOAD  CONDUIT SIZE ALUMINUM (INSULATION PER NEC) COPPER (INSULATION PER NEC) NEUTRAL WIRE SIZE GROUND WIRE SIZE
200 Amp 2" 4/0 2/0 same as phase #6 Cu

NEC = National Electric Code
Current Code Requirement

APPROVED BY: KB DATE: 2-19-18
CHECKED BY: KB SCALE: none
DRAWN BY: mbarnes

DWG NO.: 1106
ELECTRICIANS!!:

Always contact Engineering, Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your conduit. Also, leave 36 inches of wire hanging out of the weatherhead.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note: 1. Meter Loop shall comply with National Electrical Code and Authorities having jurisdiction.

2. Meter Loop shall be completely assembled.

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead shall be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

**OPTION 1**

Bushings & Locknuths

must be metal nipple 6 inches long

Volt Reading:
A-B 240 VOLT
B-N 120 VOLT
A-N 120 VOLT

**OPTION 2**

Meter socket combo Rain-tight disconnect

Pole ground wire shall be #6 copper & 18 inches long.

Rain-tight fusible or breaker type disconnect.

---

CUSTOMER INSTALLATION MINIMUM WIRING SIZE

<table>
<thead>
<tr>
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<th>CONDUIT SIZE</th>
<th>ALUMINUM INSULATION (PER NEC)</th>
<th>COPPER INSULATION (PER NEC)</th>
<th>NEUTRAL WIRE SIZE</th>
<th>GROUND WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 Amp</td>
<td>2 Inches</td>
<td>1/0</td>
<td>#2</td>
<td>same as phase</td>
<td>#6 Cu</td>
</tr>
</tbody>
</table>

NEC = National Electric Code
Current Code Requirement
ELECTRICIANS !!!:
Always contact Engineering, Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your conduit. Also, leave 36 inches of wire hanging out of the weatherhead.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note: 1. Meter Loop shall comply with National Electrical Code and Authorities having jurisdiction.

2. Meter Loop shall be completely assembled.

Mark Neutral with white tape.

Conduit must be 1 inch minimum schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead shall be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

OPTION 1

Bushings & Locknuts

Pole ground wire shall be #6 copper & 18 inches long.

Weatherproof main switch with fuse or circuit breaker per NEC 230.70.

Volt Reading:
A-B 240 VOLT
B-N 120 VOLT
A-N 120 VOLT

CUSTOMER INSTALLATION MINIMUM WIRING SIZE

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<th>GROUND WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-60 Amp</td>
<td>1 inch</td>
<td>N/A</td>
<td>#6</td>
<td>same as phase</td>
<td>#6 Cu</td>
</tr>
</tbody>
</table>

NEC = National Electric Code
Current Code Requirement

CECC Stops at Wire Connections Before Weatherhead
ELECTRICIANS!!
Always contact Engineering Dispatch, or the District Manager before installing your service entrance. They will tell you specifications for the length of conduit.

Minimum recommended 100 Amp meter socket designed for underground service.

Min. 1.5" rigid/intermediate metal (steel), rigid aluminum or schedule 80 PVC gray (with UV protection) conduit. Conduit and attachments furnished and installed by customer.

Ground wire to be #6 copper minimum fastened to the pole.

See note #2.

NOTES:
1. Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
2. Customer provides minimum wire size of #6 copper. Service wire suitable for direct burial to be furnished, installed and maintained by customer. Customer to-tail out enough service wire to reach inside of pedestal or transformer.
3. All conduit connections to be raintight.
4. Customer to trench to within 12" of pedestal or transformer. Minimum depth of trench is 24".
5. Location of underground cables shall be identified prior to digging.

Temp shall be on right hand side when facing front of underground transformer

6" max. shall be metal 6" long

60 amp min. weatherproof enclosure with fuse or circuit breaker.

Receptacles shall be weatherproof and GFCI protection per NEC 527.6, provided by customer.

Conduit strap

(1) 3/8" x 8' - 0" copper clad ground rod and clamp. #6 Copper Ground wire

Upper end of ground rod to be flush with or below grade.

Call Before You Dig
1-800-482-8998

In location with underground facilities, the Customer shall notify Arkansas 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.

CRAIGHEAD ELECTRIC COOPERATIVE
TEMPORARY SERVICE FROM AN UNDERGROUND SOURCE

NEC = National Electric Code
Current Code Requirements.
Call Before You Dig
1-800-482-8998

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.

CECC stops at top lugs of meterbase. Appropriately sized lugs must be installed by customer.

3" male terminal adapter with locknut & bushing or 3" female adapter with chase nipple

3" rigid/intermediate metal (steel), rigid aluminum or Schedule 80 PVC gray (with UV protection) conduit. Conduit, elbow and attachments to be furnished by customer.

3 ft working clearance

Install Meter 3 ft. min. from windows, doors, gas meters or corner of structure.

(2) 3 inch, 2 hole conduit straps shall be anchored to structure 24 inches apart

(2) 5/8" x 8" - 0" copper clad ground rods and clamps, 6' apart. Upper end of ground rod to be flush with or below grade. NEC Code 250.56

45 degree elbow, (2) couplings & a 2' length of 3 inch PVC (PVC, Sched. 80 Required)

Member

200 amp weather tight disconnect

Option #1

Shall be metal 6 inches long

1/2" gray PVC for groundwire

Option #2

Meter socket combo

200 amp weather tight disconnect

1/2" gray PVC for groundwire

ELECTRICIANS!!:
Always Contact Engineering, Dispatch or the District Manager before building your service entrance. They will tell you specifications for the length of conduit.

Failure to comply with all of the terms of this specification will result in Craighead Electric constructing any necessary modifications. Labor and material for these modifications will be billed to the Applicant. Craighead Electric will not be responsible for the appearance of the service after these modifications.

CRAIGHEAD ELECTRIC COOPERATIVE
UNDERGROUND SECONDARY
SERVING A RESIDENCE / MFG HOME

NOTES:
1. Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.

2. Meter socket shall be installed and maintained by the customer.

3. Install vertical run of conduit from the meter with elbow below ground level.

4. The vertical run of conduit should be straight for optimum installation of conductor. A meter base offset should be used to avoid ledges.

5. If bends are necessary, all PVC parts must be schedule 80.

CUSTOMER INSTALLATION MINIMUM WIRING SIZE FOR SINGLE FAMILY DWELLING

<table>
<thead>
<tr>
<th>EXPECTED LOAD</th>
<th>CONDUIT SIZE</th>
<th>ALUMINUM (INSULATION PER NEC)</th>
<th>COPPER (INSULATION PER NEC)</th>
<th>NEUTRAL WIRE SIZE</th>
<th>GROUND WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 Amp</td>
<td>3 *</td>
<td>4/0</td>
<td>2/0</td>
<td>same as phase</td>
<td>#6 Cu</td>
</tr>
<tr>
<td>320 Amp</td>
<td>3 *</td>
<td>500 kcm</td>
<td>350 kcm</td>
<td>same as phase</td>
<td>#6 Cu</td>
</tr>
</tbody>
</table>

NEC= National Electric Code current code requirement

APPROVED BY: KB
DATE: 2-21-18
CHECKED BY: WG
SCALE: none
DRAWN BY: mbarnes

DWG NO.: 1202
Call Before You Dig
1-800-482-8998

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.

ELECTRICIANS!!:
Always contact Engineering, Dispatch or the District Manager before building your service entrance. They will tell you specifications for the length of conduit.

NOTES:
1. Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
2. This installation applies to two (2) or more meters at one location.
3. A main disconnect is required for seven or more disconnects (National Electrical Code article 230.71(a)). A main disconnect is recommended in all cases for isolation of this disconnect/meter group from any other groups served by the same company transformer. Utility connection shall be made on the line side of main disconnect or junction box.
4. Each meter and disconnect shall be plainly marked to designate unit served.
5. All material shall be suitable for outdoor use.
6. Equipment to be installed at a location designated by CECC.
7. #6 Cu for Ground Rods, for other acceptable grounds, see NEC Code 250.56 A, B and C.
8. Install vertical run of conduit from the meter with elbow below ground level.

Failure to comply with all of the terms of this specification will result in Craighead Electric constructing any necessary modifications. Labor and material for these modifications will be billed to the Applicant. Craighead Electric will not be responsible for the appearance of the service after these modifications.
ELECTRICIANS!!:  
Always contact Engineering  
Dispatch, or the District Manager  
before installing your service  
entrance. They will tell you  
specifications for the length  
of conduit.

CECC stops at top  
lugs of meterbase  
Appropriately sized  
lugs must be installed  
by customer

3" rigid/intermediate metal  
(steel), rigid aluminum or  
schedule 80 PVC gray (with  
UV protection) conduit. Conduit,  
e elbows and attachments furnished  
by customer.

Failure to comply with all of the terms of  
this specification will result in Craighead  
Electric constructing any necessary  
modifications. Labor and material for  
these modifications will be billed to the  
Applicant. Craighead Electric will not  
be responsible for the appearance of  
the service after these modifications.

Call Before You Dig  
1-800-482-8998

NOTES:
1. Customer facilities shall comply with the National Electrical Code and authorities  
having jurisdiction.
2. All conduit to be 3 inches in diameter.
3. All conduit connections to be rain tight.
4. Location of underground cables shall be identified prior to digging.
5. Install vertical run of conduit from the meter with elbow below ground level.

CECC underground  
wire to meter socket

45 degree elbow, (2) couplings  
& a 2" length of 3 inch PVC  
(PVC, Sched. 80 Required)

Stop concrete reinforcement  
12" below ground level

6 ft. min.

6" x 6" x 8 ft. Minimum size treated pole

200 Amp Meter Socket Combo

Customer responsible for  
securing conduit to pole

Ground wire to be #6 copper  
minimum fastened to the pole.

(2) 5/8" x 8' - 0" copper clad  
ground rods and clamps,  
#6 Copper Ground wire

Upper end of ground  
rod to be flush with  
or below grade.

Customer wire  
to dwelling

NEC = National Electric Code  
Current Code Requirements.
Call Before You Dig
1-800-482-8998

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.

ELECTRICIANS!!
Always Contact Engineering, Dispatch or the District Manager before building your service entrance. They will tell you specifications for the length & number of conduit.

3 ft working clearance
- Install Meter 3 ft. min. from windows, doors, gas meters or corner of structure.
- (2) 4 inch, 2 hole conduit straps shall be anchored to structure 24 inches apart
- (2) 5/8" x 8' - 0" copper clad ground rods and clamps, 6' apart. Upper end of ground rod to be flush with or below grade. NEC Code 250.56
- 45 degree elbow, (2) couplings & a 2' length of 4 inch PVC (PVC, Sched. 80 Required)

Failure to comply with all of the terms of this specification will result in Craighead Electric constructing any necessary modifications. Labor and material for these modifications will be billed to the Applicant. Craighead Electric will not be responsible for the appearance of the service after these modifications.

ACCEPATALE TRANSFORMER CABINETS:
1. SCHAFFER-SPLRHE-303012WP
2. COOPER B-LINE-303012-TC3R
3. WEIGMAN-RHC-303012
4. HOFFMAN-A30R3012HCR
5. HAMMOND-C3R303012H
6. MILBANK-303012TC3R
7. EUROBEX-5300-ES303012
8. AUSTIN ELECTRICAL-AB-30301

METERBASE LIST:
1. GE 677X052

NOTES:
1. Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
2. Meter socket shall be installed and maintained by the customer.
3. If bends are necessary, all PVC parts must be schedule 80.

CRAIGHEAD ELECTRIC COOPERATIVE
RESIDENTIAL CURRENT TRANSFORMER
SERVICE ABOVE 400 AMPS

<table>
<thead>
<tr>
<th>EXPECTED LOAD</th>
<th>CONDUIT SIZE</th>
<th>ALUMINUM (INSULATION PER NEC)</th>
<th>COPPER (INSULATION PER NEC)</th>
<th>NEUTRAL WIRE SIZE</th>
<th>GROUND WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 Amp+</td>
<td>4&quot;</td>
<td>TO BE Sized BY ENGINEER</td>
<td>#6 Copper</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NEC= National Electric Code current code requirement
ELECTRICIANS!!:
Always contact Engineering, Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your conduit. Also leave 36 inches of wire hanging out of the weatherhead. #2 copper or 1/0 Aluminum THWN or THW is the minimum required.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note:
1. Customer facilities shall comply with National Electrical safety code and authorities having jurisdiction.
2. Meter Loop shall be completely assembled

Volt Reading:
A-B 208 VOLT  A-N  120 VOLT
B-C 208 VOLT  B-N  120 VOLT
A-C 208 VOLT  C-N  120 VOLT

Pole ground wire shall be #6 copper and 18" long.

must be metal nipple 6 inches long

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead must be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

CRAIGHEAD ELECTRIC COOPERATIVE
7 TERMINAL 120/208 VOLT
4 WIRE SECONDARY
METER LOOP

NEC = National Electric Code
Current Code Requirement
ELECTRICIANS!!:
Always contact Engineering Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your conduit. Also leave 36 inches of wire hanging out of the weatherhead. On 100 amp or less, #2 copper or 1/0 aluminum THWN or THW is the minimum required.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note:
1. Customer facilities shall comply with National Electrical safety code and authorities having jurisdiction.
2. Meter Loop shall be completely assembled.

Volt Reading:
A-B 240 VOLT  A-G 240 VOLT
B-C 240 VOLT  B-G 0 VOLT
A-C 240 VOLT  C-G 240 VOLT

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead must be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

Pole ground wire shall be #6 copper and 18" long.

2 inch hub

Rain-tight fusible or breaker type disconnect. Center terminal will be grounded phase (slugged with no fuse) on grounded phase.

NEC = National Electric Code
Current Code Requirement
ELECTRICIANS!!:
Always contact Engineering, Dispatch or the District Manager before building your meter loop. They will tell you the specifications for the length of your conduit. Also leave 36 inches of wire hanging out of weatherhead. On 100 amp or less, #2 copper or 1/0 aluminum THWN or THW is the minimum required.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note:
1. Customer facilities shall comply with National Electrical safety code and authorities having jurisdiction.
2. Meter Loop shall be completely assembled

Volt Reading:
A-B 240 VOLT A-N 120
B-C 240 VOLT B-N 120
A-C 240 VOLT C-N 208

Note: 208 V leg must be marked with red tape on right side of meter base.

Pole ground wire shall be #6 copper and 18" long.

must be metal nipple 6 inches long

CECC Stops at Wire Connections Before Weatherhead
Mark Neutral with white tape
Mark 208 V leg marked with red tape

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead must be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

CRAIGHEAD ELECTRIC COOPERATIVE
7 TERMINAL 120 / 240
4 WIRE DELTA SECONDARY METER LOOP

NEC = National Electric Code
Current Code Requirement

APPROVED BY: KB DATE: 2-19-18
CHECKED BY: KB SCALE: none
DRAWN BY: mbarnes

DWG NO.: 3104
ELECTRICIANS!!:
Always contact Engineering, Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your conduit. Also leave 36 inches of wire hanging out of weatherhead. #2 copper or 1/0 Aluminum THWN or THW is the minimum required.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note:
1. Customer facilities shall comply with National Electrical safety code and authorities having jurisdiction.
2. Meter Loop shall be completely assembled

Volt Reading:
A-B 480 VOLT  A-N 277 VOLT
B-C 480 VOLT  B-N 277 VOLT
A-C 480 VOLT  C-N 277 VOLT

Pole ground wire shall be #6 copper and 18" long.
must be metal nipple 6 inches long

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead must be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

CECC Stops at Wire Connections Before Weatherhead
Mark neutral with white tape on both ends

Bypass Handle
2 inch hub
Rain-tight fusible or breaker type disconnect.
Neutral Bar

CRAIGHEAD ELECTRIC COOPERATIVE
7 TERMINAL 277/480 VOLT
4 WIRE SECONDARY
METER LOOP

NEC = National Electric Code
Current Code Requirement
ELECTRICIANS!!:
Always contact Engineering, Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your conduit. Also, leave 36 inches of wire hanging out of the weatherhead.
On 100 amp or less, #2 copper or 1/0 aluminum THWN or THW is the minimum required.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note:
2. Meter Loop shall be completely assembled

Volt Reading:
A-B 480 VOLT A-G 480 VOLT
B-C 480 VOLT B-G 0 VOLT
A-C 480 VOLT C-G 480 VOLT

Ground Lug
Ground Bar
* See Note
Pole ground wire shall be #6 copper and 18" long.
5th Leg at 6 O'Clock
Must be metal nipple 6 inches long
Mark Grounded phase with white tape

Bypass Handle
2 inch hub
Rain-tight fusible or breaker type disconnect. Center terminal will be grounded phase (slugged with no fuse) on grounded phase.

* Insure that ground bar is clamped under 5th leg.
** Maximum service size 150KVA

NEC = National Electric Code
Current Code Requirement
ELECTRICIANS!!:
Always contact Engineering, Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your conduit. Also, leave 36 inches of wire hanging out of the weatherhead.
On 100 amp or less, #2 copper or 1/0 aluminum THWN or THW is the minimum required.

Supply a 2 hole conduit strap for every 5 feet of conduit.

Note:
1. Customer facilities shall comply with National Electrical safety code and authorities having jurisdiction.
2. Service Loop shall be completely assembled

Volt Reading:
A-B 480 VOLT  A-N 277 VOLT
B-C 480 VOLT  B-N 277 VOLT
A-C 480 VOLT  C-N 277 VOLT

Mark Neutral with white tape.

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead must be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

2 inch hub
Rain-tight fusible or breaker type disconnect.
Mark Neutral with white tape
Neutral Bar
Pole ground wire shall be #6 copper and 18" long.

NEC = National Electric Code
Current Code Requirement

CRAIGHEAD ELECTRIC COOPERATIVE
277/480 V 3 PHASE
4 WIRE SERVICE LOOP

APPROVED BY: KB  DATE: 2-19-18
CHECKED BY: KB  SCALE: none
DRAWN BY: mbarnes

DWG NO.: 3115
ELECTRICIANS!!:
Always contact Engineering Dispatch or the District Manager before building your meter loop. They will tell you specifications for the length of your donduit. Also, leave 36 inches of wire hanging out of the weatherhead.
On 100 amp or less, #2 copper or 1/0 aluminum THWN or THW is the minimum required.
Supply a 2 hole conduit strap for every 5 feet of conduit.

Note: 1. Customer facilities shall comply with National Electrical safety code and authorities having jurisdiction.
2. Service Loop shall be completely assembled

Volt Reading:
A-B 480 VOLT  A-G 480  VOLT
B-C 480 VOLT  B-G  0  VOLT
A-C 480 VOLT  C-G 480  VOLT

Mark Grounded phase with white tape

CECC Stops at Wire Connections
Before Weatherhead

Mark Grounded phase with white tape.

Conduit must be 2 inch schedule 80 Electrical Gray PVC, I.M.C. or rigid. Your weatherhead must be of the same material as conduit. Example: if you use PVC conduit, you must use a PVC weatherhead.

2 inch hub

Rain-tight fusable or breaker type disconnect. Center terminal will be grounded phase (slugged with no fuse) on grounded phase.

Ground Bar

Pole ground wire shall be #6 copper and 18" long.

NEC = National Electric Code
Current Code Requirement
CECC stops at top lugs of disconnect
3" male terminal adapter with locknut & bushing
or 3" female adapter with chase nipple
3" rigid/intermediate metal (steel),
rigid aluminum or Schedule 80 PVC
gray (with UV protection) conduit.
Conduit, elbow and attachments
to be furnished and installed by
customer.

3 ft working clearance
Install Disconnect 3 ft.
min. from windows,
doors, gas meters or
corner of structure.

(2) 3 inch, 2 hole conduit
straps shall be anchored
to structure 24 inches
apart

(2) 5/8" x 8" - 0" copper
clad ground rods and
clamps, 6" apart. Upper
end of ground rod to be
flush with or below
grade. NEC Code 250.56

6' - 0"

24" in.

36" radius min.
factory bend
(PVC, Sched.
80 required.)

Member

Rain-tight fusible or
breaker type disconnect.

Neutral Bar
Mark Neutral with white tape

Ground wire shall be
#6 copper.

Bushings &
Locknuts

Note:
1. Customer facilities shall
comply with National
Electrical safety code and
authorities having jurisdiction.

2. Service Entrance shall be
completely assembled

3. Service Entrance shall not be
installed on transformer pole.

NEC = National Electric Code
Current Code Requirement

Volt Reading:
A-B 480 VOLT  A-N 277  VOLT
B-C 480 VOLT  B-N 277  VOLT
A-C 480 VOLT  C-N 277  VOLT