



**NineStar**<sup>®</sup>  
CONNECT



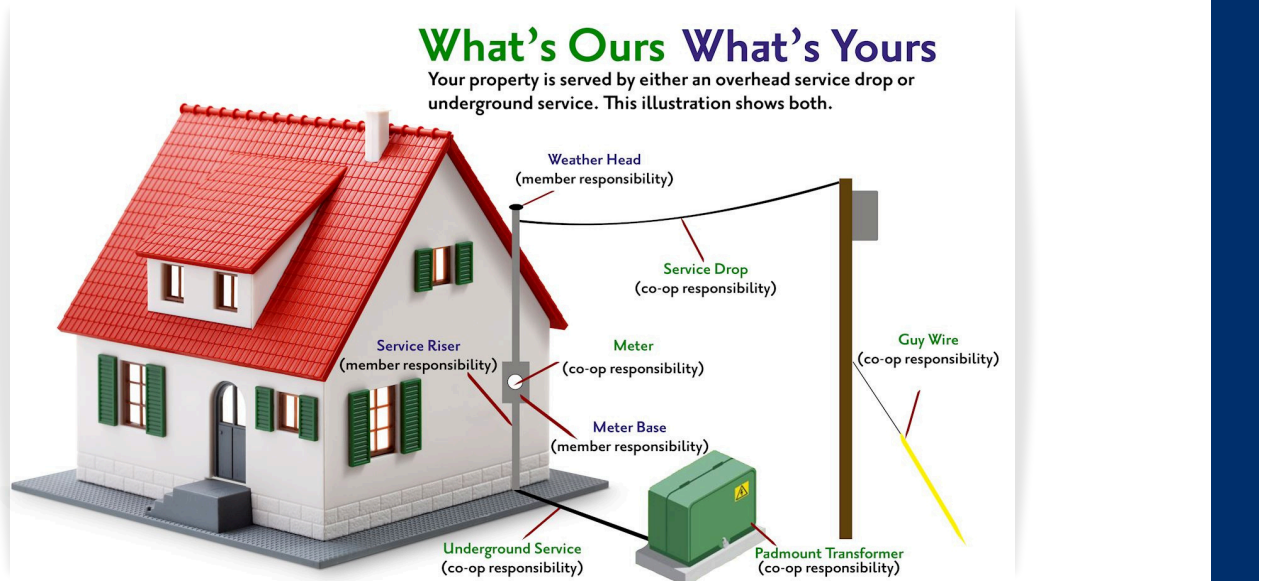
# ELECTRIC SERVICE GUIDE

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## MEMBER OWNED EQUIPMENT

To eliminate confusion, the drawing depicts member owned equipment necessary for the delivery of electrical power to your home. Safety is our highest priority. If a repair or replacement of member owned service entrance equipment is required, please contact us for a temporary disconnect.



## CALL INDIANA 811 BEFORE YOU DIG

Call 811 to have all utility owned underground facilities located and marked. Privately owned facilities will not be located or marked. Allow at least two full working days but not more than twenty calendar days prior to the start of your excavation to have underground utilities marked. You will need to provide a description of the site, county, township and street address to properly process your locate request.

# Application Process

The NineStar engineering department will schedule an appointment for you to meet with our staking engineer. At the time of the appointment, you will be given an paperwork and general information. NineStar requires all paperwork, aid to construction costs and deposit (if applicable) to be paid prior to the start of installation of electric service. Paperwork includes application for service, underground agreement, and right of way easement. The signature(s) on the right of way easement must appear exactly as the property is recorded.

## **PERMITS**

Member/builder is responsible for obtaining all electric permits and inspections required by their respective county.

## **TEMPORARY ELECTRIC SERVICE**

If temporary service is required, the member/builder must provide and install the temporary meter structure. Some counties require inspection of temporary meter structures.

## **PERMANENT ELECTRIC SERVICE**

For permanent installations, member/builder must have meter base installed and inspected by the county building inspector.

## **TEMPORARY TO PERMANENT ELECTRIC SERVICE**

Upon request of member/builder, once the permanent meter base has passed county/city inspection, the staking engineer will visit the job site and flag (if necessary) and inspect for our standards for the permanent service requested. The meter base must be inspected by the county building inspector prior to electric service installation.

## **SERVICE UPGRADES**

Service upgrades and/or relocations generally follow the same protocols as new service installations.

# Fees

## PRIMARY LINE EXTENSION

When figuring the charge for a residential subdivision, single/multi-family fees for primary line extension the following shall apply, whether the streets, roads and alleys of the subdivision have been dedicated as public right-of-way or not.:

- A non-refundable fee of \$2,200 per lot fee shall be charged for installation of residential single-family with lot widths averaging greater than 70-feet.
- A non-refundable fee of \$2,000 per lot fee shall be charged for installation of residential single-family with lot widths averaging 70-feet or less.
- A non-refundable fee of \$1,000 per unit shall be charged for installation of residential multi-family, consisting of 2 to 6 units per structure.
- A non-refundable fee of \$400 per unit shall be charged for installation of residential multi-family, consisting of 7 to 24 units per structure.
- A non-refundable fee of \$300 per unit shall be charged for installation of residential multi-family, consisting of greater than 24 units per structure.

## NEW SERVICE

When figuring the charge for a new service installation the following shall apply:

- A non-refundable fee of \$500 shall be charged for all new single-family residential service installations.
- A non-refundable fee of \$350 shall be charged for all new multi-family residential service installations, where a ganged-meter base will be provided by the developer. Should the developer opt to install multiple single-meter bases for a multi-family structure, the single-family residential installation non-refundable fee of \$500 shall apply.

Fees shall be due upon application for new service. Fees are based on current engineering studies and cost of service studies.

# Fees

Extension Type	PRIMARY	SERVICE
Single-Family Lots (Frontage/Lot $\leq$ 70')	\$2,000	\$500
Single-Family Lots (Frontage/Lot $>$ =70')	\$2,200	\$500
Multi-Family Low Density (2-6 Units per Building)	\$1,000	\$350
Multi-Family Low Density (7-24 Units per Building)	\$400	\$350
Multi-Family Low Density (25+ Units per Building)	\$300	\$350
Single-Family Primary & Service	CIAC equal to estimate cost of construction less 36-month net revenue credit.	\$500
Single-Family Service		\$500
General Service Primary & Service	CIAC equal to estimate cost of construction less 36-month net revenue credit.	\$500
General Service		\$500
Temporary		\$100

# Meter Base

- Member furnishes and owns the meter base.
- Meter bases must be U.L. approved.
- All single-phase meter bases rated over 100 amps must be equipped with level-operated jaw release and bypass. The bypass must be rated to carry the full load capacity of the base.
- The minimum width of a 200 amp underground meter base acceptable for use is 11 ¼".
- All meter bases must have a swing style latch or other appropriate latch that will prevent unauthorized access and accept a utility padlock or wire style seal.
- All meter base installations must be inspected by the appropriate inspecting authority before electrical service can be connected.
- All installation upgrades and re-wiring of meter bases must be inspected by the appropriate authority, if required by the county.
- Meter bases must be installed according to national, state, and county codes, and according to NineStar Connect requirements.
- Meter bases cannot be mounted on homes that do not have permanent foundations. For homes without permanent foundations, bases must be mounted on a meter pedestal.
- Meter bases cannot be located where it will cause a hazard to persons or be subject to damage.
- Meter bases cannot be located in carports, breezeways, enclosed porches, etc. NineStar Connect must have full access at all times.
- Meter bases cannot be installed on NineStar Connect poles.
- Self-contained meter bases for loads exceeding 400 amps or for all installations requiring current transformers contact NineStar Connect.
- Meter bases must be continuous amp rating.
- For double lug meter base installations - a disconnect will be required for services to outbuildings, barns, garages, etc.
- All underground services shall be a minimum of 200 amp.
- If member owned utilities, hazards or obstacles are not marked and are damaged by NineStar Connect or its contractors, it will be the responsibility of the member to repair the damage.
- For three-phase service installations, contact NineStar Connect for specifications.
- Underground services must be at final grade and meter height at eye level, minimum 4" from final grade and maximum 6" from final grade.
- NineStar Connect must be notified of any hazards or obstacles including member owned utilities (i.e., pipes, septic lines, electrical lines, water lines, etc.) prior to starting construction to extend service overhead or underground. In all cases, obstacles must be clearly marked and/or exposed.
- Bottom of riser for UG service must be exposed for NineStar inspection.

# Meter Base

## **RECOMMENDED METER BASE BRANDS**

Equipment must be U.L. Approved.

We recommend the following brands but they are not required:

- Siemens Talon (available at Home Depot and Lowes)
- Eaton (available at Menards, Murray and Amazon)

Suppliers:

Central Supply Company - [centralsupplycompany.com](http://centralsupplycompany.com)

Durham - [durhamusa.com/residential](http://durhamusa.com/residential)

Brooks Utility - [brooksutility.com/product-category/meter-sockets/](http://brooksutility.com/product-category/meter-sockets/)

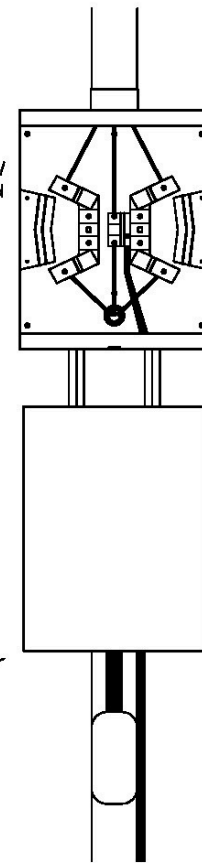
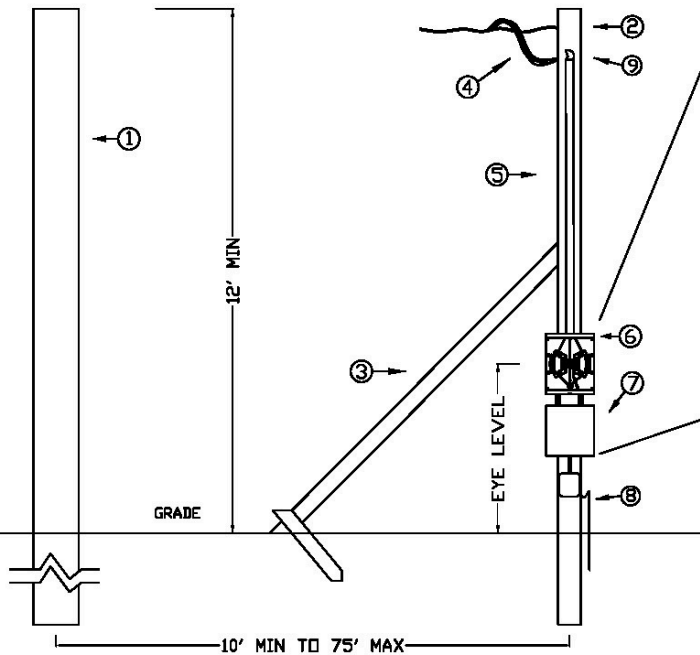


# Temporary Overhead Unit

## TEMPORARY SERVICE

### TEMPORARY OVERHEAD SERVICE CONSTRUCTION 120/240 VOLT 60 TO 100 AMP SINGLE PHASE

- 1) Existing or proposed utility pole.
- 2) Weatherhead and conduit, with 36 inches of service entrance conductor stubbed out.
- 3) Views of required braces and stakes.
- 4) Service drop and wire holder supplied by the utility.
- 5) Minimum 4 inch x 4 inch structure.
- 6) Meter base.
- 7) Fused disconnect
- 8) Ground rod 1/2 inch x 8 feet copper clad (min) and one-bolt ground rod clamp.
- 9) The minimum service entrance conductor size shall be #6 CU.



ENLARGEMENT

HOLEY MOLEY



CALL BEFORE YOU DIG  
1-800-382-5544



(317)326-3131

Drawn: 5/2/2004 JMB

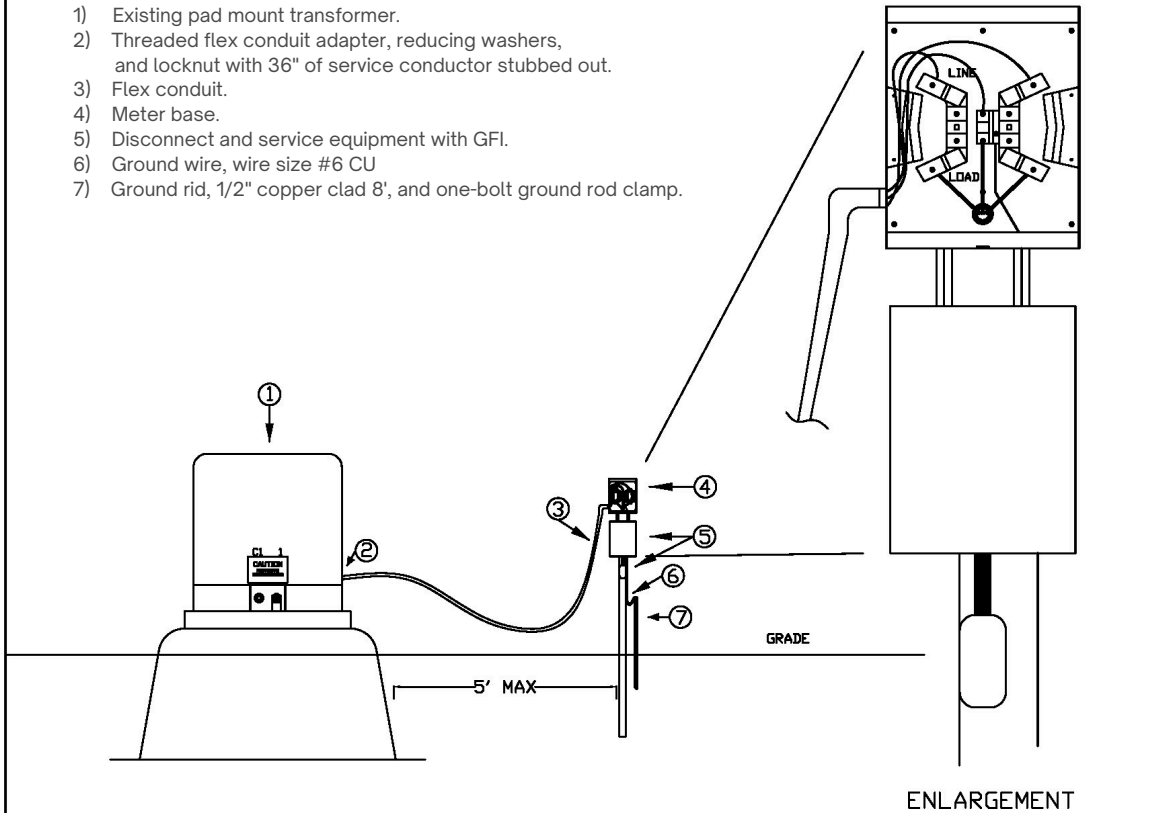
Revised: 4/14/2004 JMB

# Temporary Underground Unit

## TEMPORARY SERVICE

### UNDERGROUND TEMPORARY SERVICE AT PADMOUNT TRANSFORMER

- 1) Existing pad mount transformer.
- 2) Threaded flex conduit adapter, reducing washers, and locknut with 36" of service conductor stubbed out.
- 3) Flex conduit.
- 4) Meter base.
- 5) Disconnect and service equipment with GFI.
- 6) Ground wire, wire size #6 CU
- 7) Ground rod, 1/2" copper clad 8', and one-bolt ground rod clamp.



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1-800-382-5544



(317)326-3131

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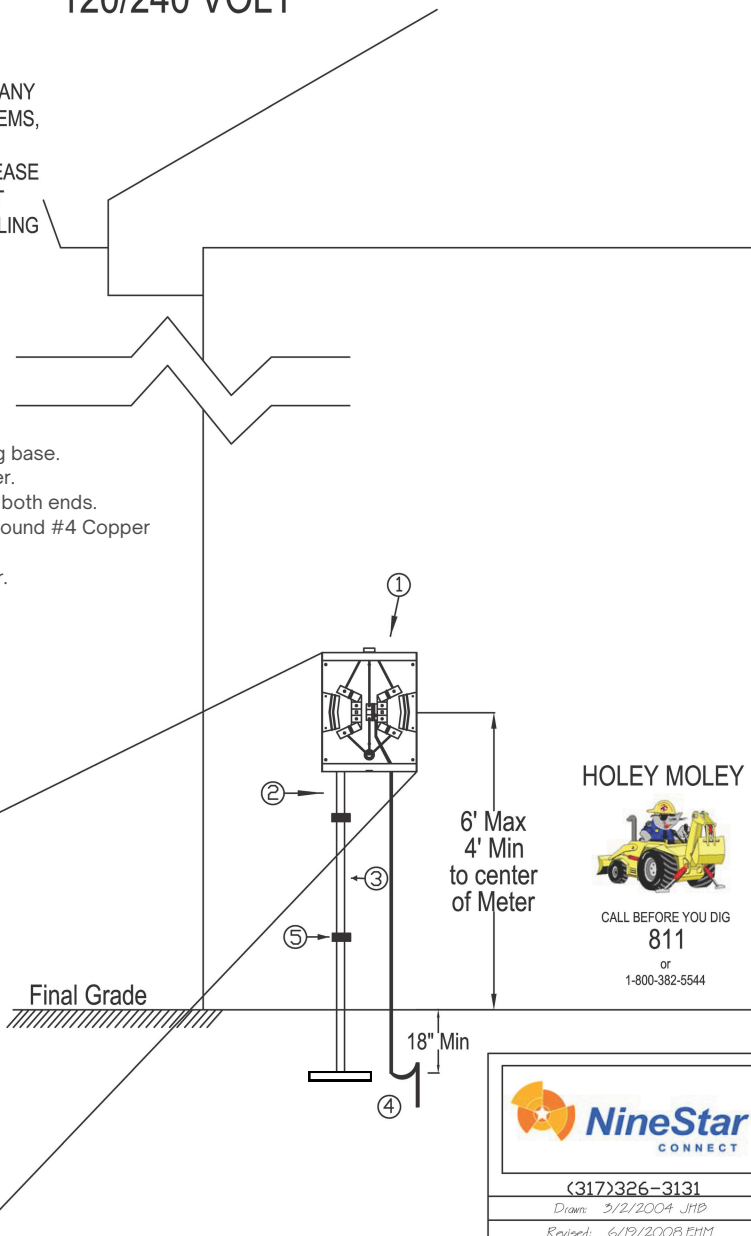
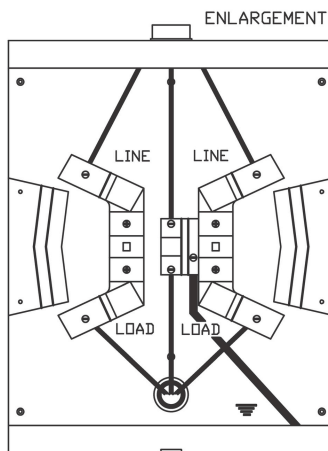
Revised: 7/15/20 RH

# Meter on Building

## UNDERGROUND SERVICE 200 AMP SINGLE PHASE 120/240 VOLT

IT IS YOUR RESPONSIBILITY FOR LOCATING ANY WATER OR SEWER LINES, SPRINKLER SYSTEMS, ETC. WITHIN CENTRAL INDIANA POWER'S PROPOSED "FLAGGED" TRENCH ROUTE. PLEASE NOTIFY CIP OF ANY BURIED FACILITIES THAT COULD PRESENT A PROBLEM WHEN INSTALLING YOUR SERVICE LINE.

- 1) Meter base with four screws securing base.
- 2) Minimum 2 inch schedule 40 PVC riser.
- 3) Ground conduit. If EMT, shall bond at both ends.
- 4) 8' long ground rod 1/2" and clamp. Ground #4 Copper at panel or meter base but not both.
- 5) Two (2) straps evenly spaced on riser.
- 6) Base of riser needs to be exposed.



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811  
or  
1-800-382-5544



(317)326-3131

Drawn: 3/2/2004 J11P

Revised: 6/19/2008 E11M

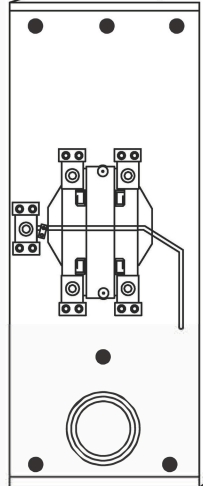
# Meter on Building

## UNDERGROUND SERVICE 320 AMP SINGLE PHASE 120/240 VOLT

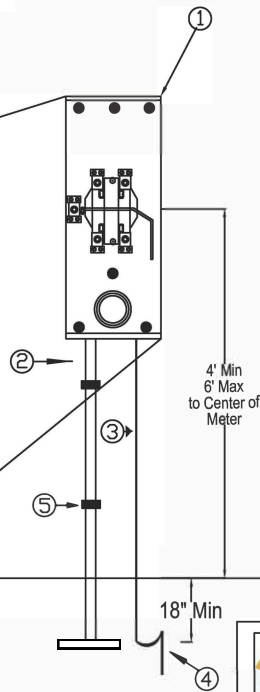
IT IS YOUR RESPONSIBILITY FOR LOCATING ANY WATER OR SEWER LINES, SPRINKLER SYSTEMS, ETC. WITHIN NINESTAR'S PROPOSED "FLAGGED" TRENCH ROUTE. PLEASE NOTIFY NINESTAR OF ANY BURIED FACILITIES THAT COULD PRESENT A PROBLEM WHEN INSTALLING YOUR SERVICE LINE.

- 1) Meter base with four screws securing base.
- 2) Minimum 3 inch schedule 40 PVC riser.
- 3) Ground conduit. If EMT, shall bond at both ends.
- 4) 8' long ground rod 1/2" and clamp. Ground #4 Copper at panel or meter base but not both.
- 5) Two (2) straps evenly spaced on riser.
- 6) Base of riser needs to be exposed.

*Enlargement*



Final Grade



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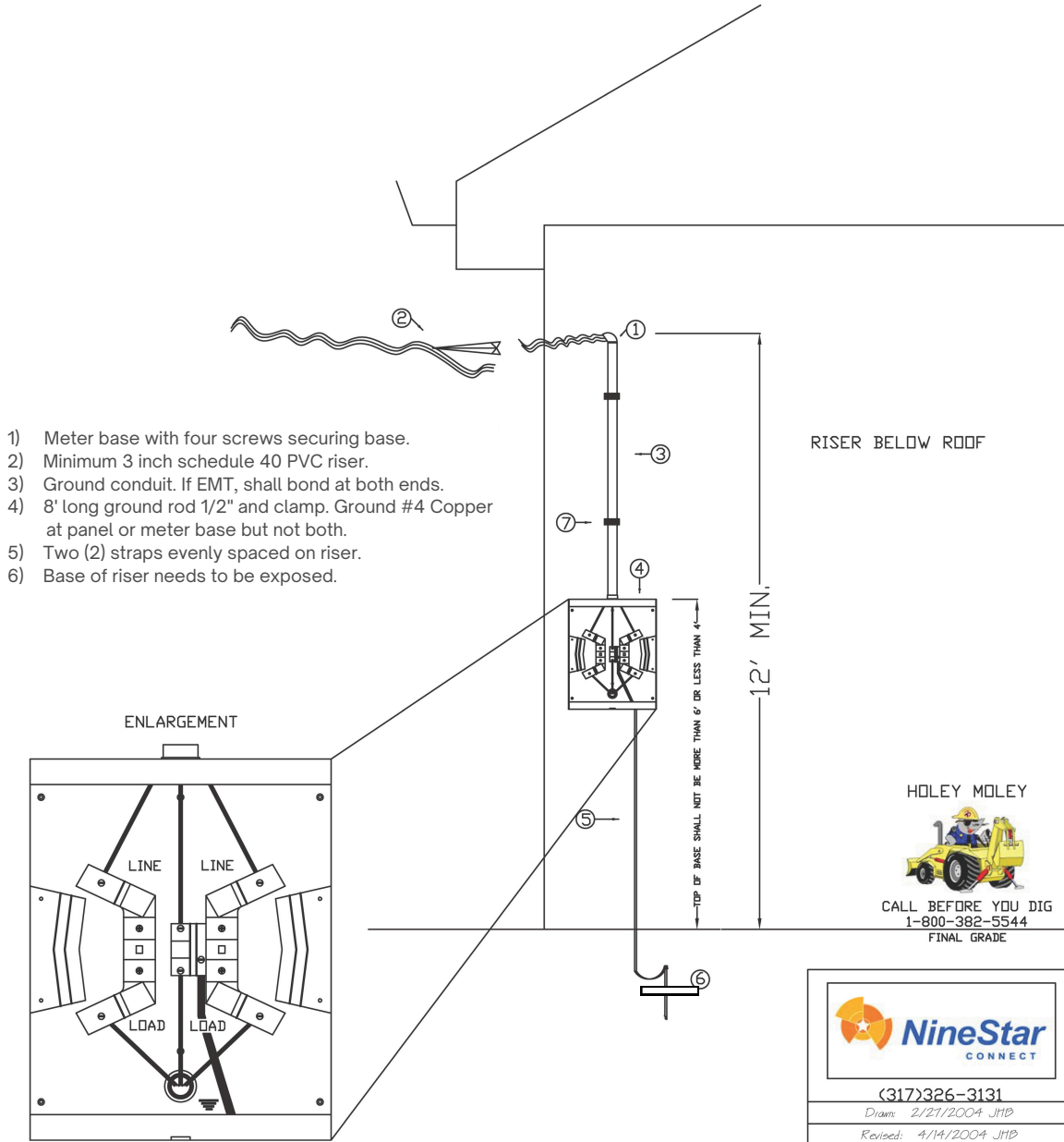
(317)326-3131

Drawn: 3/2/2004 JH1P

Revised: 6/16/08 EHM

# Overhead Service

## OVERHEAD SERVICE, HOUSE ATTACHMENT, 100-200 AMP, 120-240 VOLT, SINGLE PHASE (NON LOAD BEARING RISER)

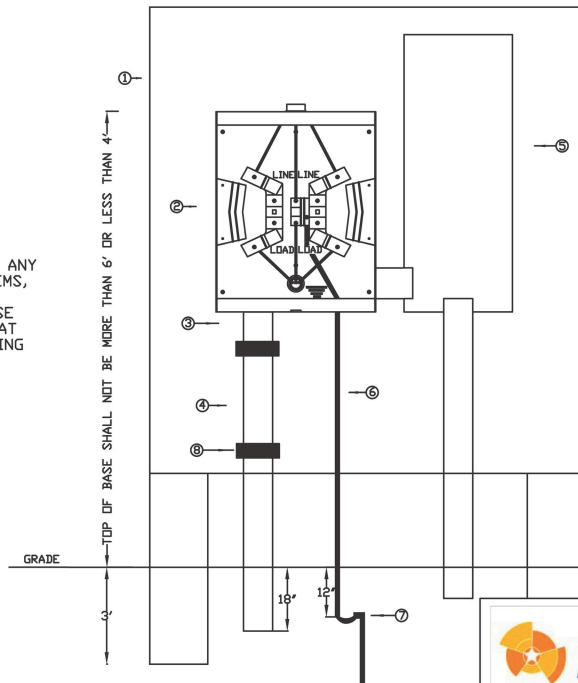


# Meter Pedestal

## UNDERGROUND METER PEDESTAL INSTALLATION, SINGLE PHASE, 120/240 VOLT, 200 AMP

- 1) Minimum 4" x 4" treated wood posts.
- 2) Meter base with four screws securing base.
- 3) Minimum 1/2" thick treated wood backing.
- 4) Minimum 3" schedule 40 pvc riser for service entrance conductors.
- 5) Outside fused rain tight disconnect.
- 6) If ground wire is installed in conduit (metal conduits must be bonded at both ends to grounding conductor) service may be grounded at panel or meter base but not both. Install ground rod and attach ground wire to rod with a one-bolt ground rod clamp (water pipe clamps not acceptable). #4 STD
- 7) 1/2" copper clad 8'
- 8) Two (2) straps evenly spaced on riser.
- 9) Base of riser needs to be exposed.

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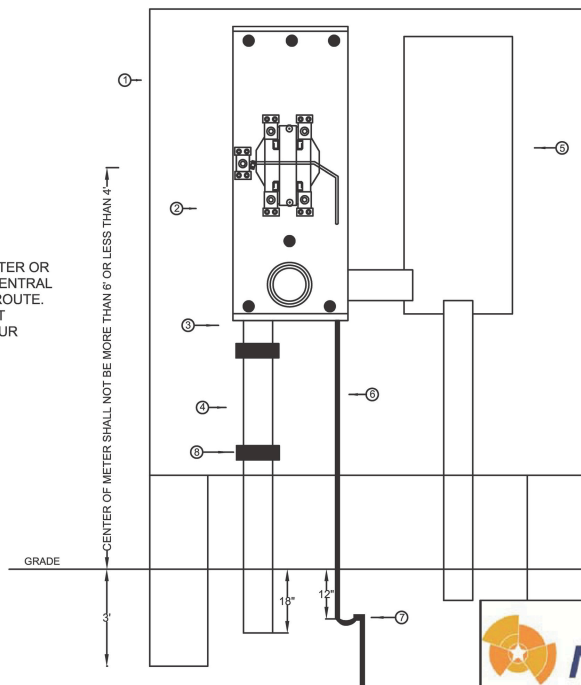
Revised: 6/16/2021 RH

# Meter Pedestal

## UNDERGROUND METER PEDESTAL INSTALLATION, SINGLE PHASE, 120/240 VOLT, 320 AMP

- 1) Minimum 4" x 6", 1.5" thick treated wood posts.
- 2) Meter base with four screws securing base.
- 3) Minimum 1/2" thick treated wood backing.
- 4) Minimum 3" schedule 40 pvc riser for service entrance conductors.
- 5) Outside fused rain tight disconnect.
- 6) If ground wire is installed in conduit (metal conduits must be bonded at both ends to grounding conductor) service may be grounded at panel or meter base but not both. Install ground rod and attach ground wire to rod with a one-bolt ground rod clamp (water pipe clamps not acceptable). #4 CU
- 7) 1/2" copper clad 8'
- 8) Two (2) straps evenly spaced on riser.
- 9) Base of riser needs to be exposed.

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Drawn: 3/8/2004 J11P


Revised: 12/15/2011 RH


# CONTACT US



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 [operations@ninestarconnect.com](mailto:operations@ninestarconnect.com)

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