



## Requirements for Construction Commencement

### SITE READINESS Requirements

REV. 12.22.25

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This list of specifications will assist with the efficient installation of gas and/or electric facilities and ensure compliance with the National Electric Codes & Standards adopted by the State of Indiana Administrative Code, as well as to maintain the Federal and Indiana Minimum Pipeline Safety Regulations.

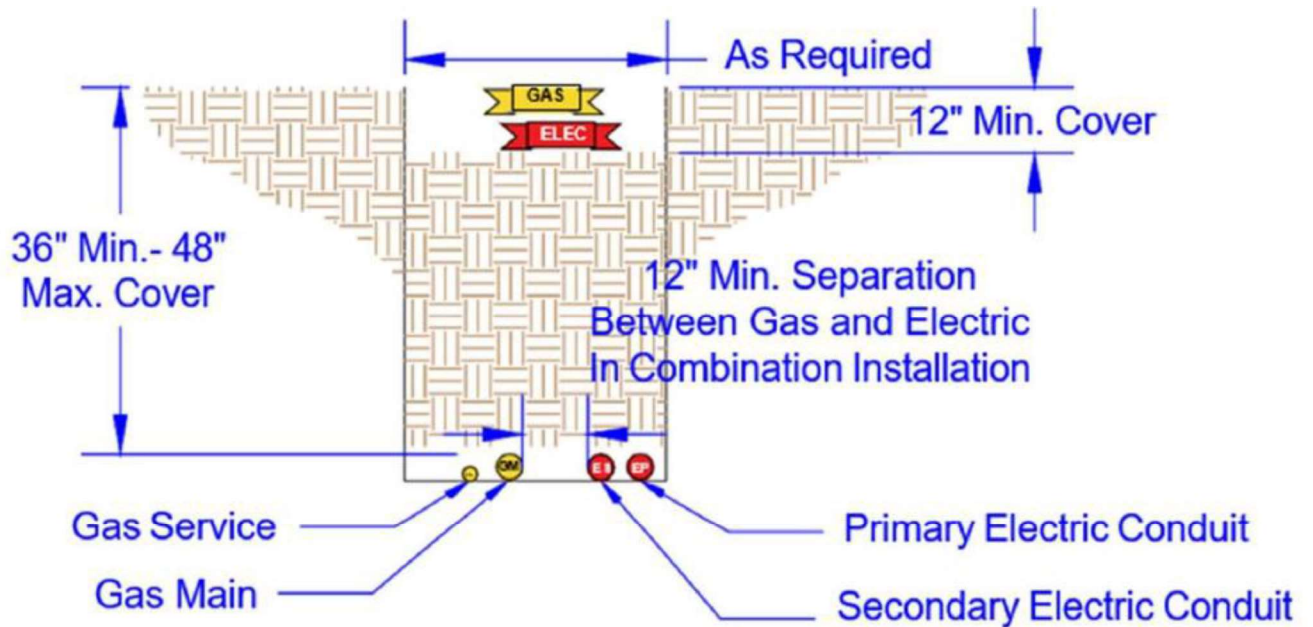
These specifications apply only to the installation of Gas and/or Electric facilities by NIPSCO on Customer's site.

Prior to NIPSCO's installation of gas and/or electric facilities at Customer's location, Customer/Contractor shall complete all the following items:

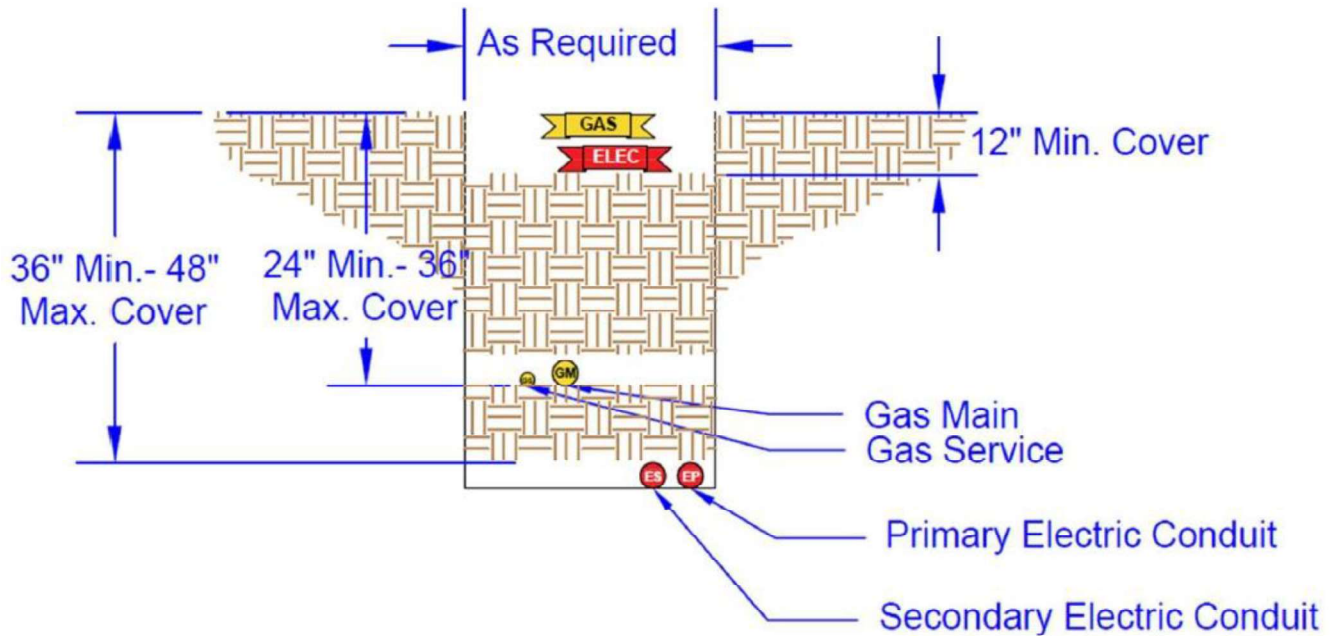
- (1) Installation of all non-NIPSCO facilities that are to be at a depth greater than 54" below established grade must be complete in those areas along the route where NIPSCO's facilities will be installed. Customer (or designated Contractor) assumes responsibility for moving any non-NIPSCO facilities if the move is necessary for the installation of NIPSCO's facilities.
- (2) All non-NIPSCO facilities that are to be below established grade up to a depth of 54" below grade, with the exception of storm sewers, shall not be installed prior to the installation of NIPSCO's facilities, unless expressly permitted in writing by NIPSCO, which consent shall not be unreasonably withheld. Non-NIPSCO Electric facilities may be installed before gas facilities are installed. In the event non-NIPSCO facilities are installed prior to NIPSCO facilities after receiving written permission from NIPSCO, Customer/Contractor assumes full responsibility for moving any facilities, including any costs incurred by Customer/Contractor, if the move is necessary for the installation of NIPSCO's facilities. In addition, Customer/Contractor is responsible for any additional costs incurred by NIPSCO if storm sewers are installed in a location other than what was shown on the site plans provided to NIPSCO.
- (3) Customer/Contractor shall establish final grade of the utility easement/route within +/- 6" of the grade shown in site plans provided to NIPSCO in the areas where NIPSCO facilities will be installed.
- (4) Customer/Contractor shall ensure that utility easements/routes are sufficiently drained, compacted, not part of detention/retention areas and that the final grade does not exceed 5/1 slope.
- (5) Customer/Contractor shall locate, mark, expose or protect all facilities that are not part of the One Call locate System (811), including Customer owned facilities. This includes all public and private, mechanical or electrical facilities. Failure to locate, mark, expose and/or protect such facilities is owned exclusively by the Customer/Contractor and shall assume full responsibility for any damages, delays, expenses, or additional costs incurred by NIPSCO. Additionally, the Customer/Contractor shall indemnify and hold harmless NIPSCO from any claims, liabilities, damages, expenses or any costs whatsoever arising out of this failure, and shall promptly reimburse NIPSCO for any expenditures necessary to remedy and/or mitigate this failure.
- (6) Customer/Contractor shall ensure that the utility easement/route is free of trees, brush, spoils, construction debris, or any other obstruction (including snow) and an eight (8) foot wide clear path is maintained from the easement to the service location.
- (7) Customer/Contractor shall stake the utility easement, lot lines, curbs, and sidewalks at the site, if applicable.



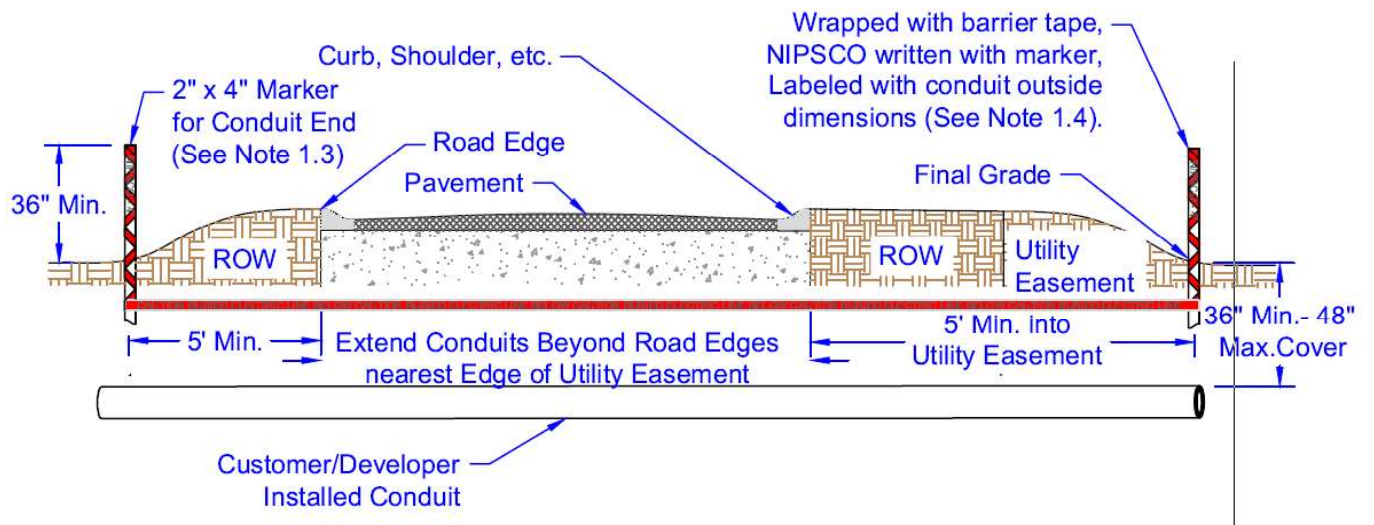
- (8) Customer/Contractor shall provide a plat drawing, if available, showing the location of all existing utilities.
- (9) Unless another suitable location is approved by NIPSCO, Customer/Contractor shall ensure that residential electric and gas meters are located on the same side of the home and preferably within the front 1/3 to aid meter reading, testing and service, and to aid emergency response in the event of a fire or some other hazardous condition. Meters shall not be located on the back of the home.
- (10) If Residential Developers install conduit under road crossings, they shall supply and install all road crossings for electric and gas installation in accordance with the Developer Installed Gas Conduit Requirements and Electric Standard ER 3-200-A. The below illustration shows typical installation.



**FIGURE 1 – NIPSCO JOINT TRENCH (SIDE-BY-SIDE INSTALLATION)**



**FIGURE 2 – NIPSCO JOINT TRENCH (STACKED INSTALLATION)**



**Note:**

1. 2"x4" markers shall be installed in a manner as to prevent easy removal and to be labeled accordingly.
2. All Electric conduits shall be gray electrical PVC, Schedule 40 or Type DB-120( NEMCA TC-8 ) Refer to ER 3-200-A and include barrier tape installed.
3. All gas conduits shall be PVC, Schedule 40 smooth ID and non-perforated (gray PVC shall not be used as conduit for gas pipelines).
4. All gas conduits to have Gas Warning tape wrapped around the conduit



## DEVELOPER INSTALLED GAS CONDUIT REQUIREMENTS

Conduit is a means of enabling the installation of a gas pipeline at a later date with the intention of minimizing excavation impacts. Conduit is not intended to provide a means of added protection to the pipeline.

If for any reason the Company deems the developer installed conduit to be unusable, the Company reserves the right to install the pipeline by alternate means (i.e., open cut or trenchless technology). All developer installed conduit must follow any applicable federal, state, or local environmental regulations.

Conduit approval can be through visual inspection of contractor supplied photographs. Any conduit that cannot be positively confirmed to be open cut or to have not damaged any other facilities shall be considered unusable, and the company will install the pipeline by alternate means (i.e., open cut or trenchless technology).

Once conduits have been installed and ready for inspection, contact the Company (e.g. New business) to initiate the inspection process.

All gas conduits shall be sized as follows; however, consult with Engineering prior to installation as larger sizes may be required, and are subject to the approval of Local Operating Area, Engineering Departments.

- 1. 1.25 inch and Smaller Gas Line .....2 inch min
- 2. 2 inch Gas Line.....4 inch min
- 3. 4inch Gas Line.....6 inch min
- 4. 6inch Gas Line.....8 inch min

Projects shall not begin construction without verification of approved conduit installation.

### REQUIREMENT CHECKOFF FOR CONDUIT

All developer installed conduits for natural gas plastic pipelines shall meet the following requirements.

- All conduits shall be PVC, Schedule 40 smooth ID and non-perforated (gray PVC shall not be used as conduit for gas pipelines).
- All conduits shall be supplied and installed by the developer with a gas warning tape spiral wrapped with no more than 24 inches of spacing around the entire length of the conduit. Warning tape should also be installed approximately six (6) inches to 12 inches below the planned final grade or as close as practical to the final hard surface with adequate separation between the warning tape and the conduit.
- All conduit joints shall be joined by a method that will prevent debris from entering and misalignment or separation of the conduit joints (e.g., coupling, bell joint.) Adhesive shall be utilized for joining all sections of carrier conduit.

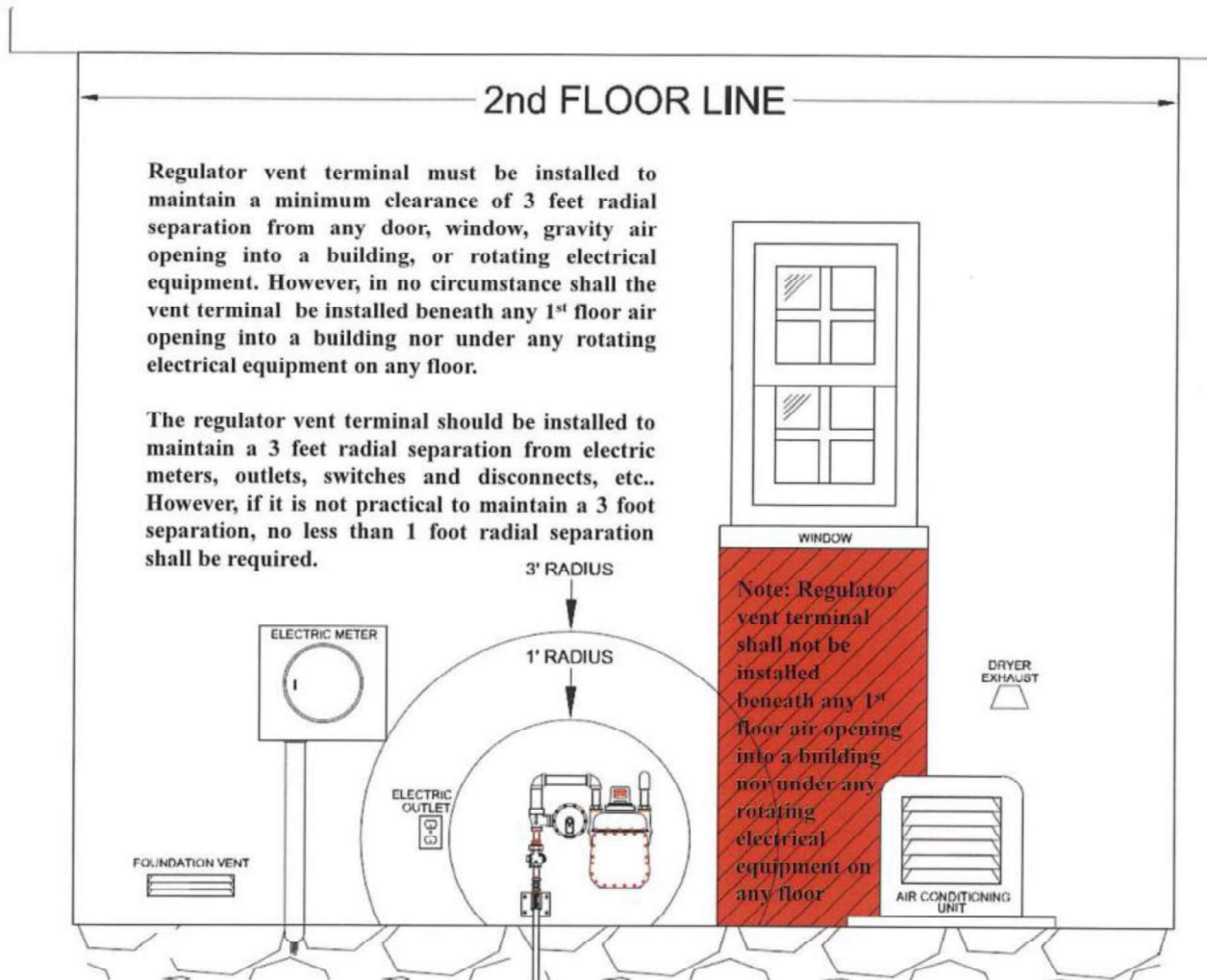


- For service line conduits, a minimum of 36 inches and a maximum of 48 inches, or cover/depth specified by Engineering, local codes or ordinances shall be maintained above all conduits at time of installation.
- Installations shall be as close as practical to perpendicular to the mainline and in a straight line to the future meter location, terminating no closer than ten (10) feet from building foundations to mitigate gas leak migration.
- For main line conduits, a minimum of 36 inches and a maximum of 48 inches, or cover/depth specified by Engineering, shall be maintained above all conduits at time of installation.
- For Indiana gas and electric combination installations, all conduits shall be installed horizontally in a joint trench with minimum of a 12 inch separation between electric and gas conduits.
- All conduits at time of installation should extend a minimum of five (5) feet into the utility easement or public right of way, whichever is farthest from the paved road.
- A minimum of 2x4 inch studs shall be used to mark conduits at each end of the crossing. The 2x4 inch markers shall be within one (1) foot horizontally from the end of the conduit. The conduit markers shall extend a minimum of 36 inches above final grade and be clearly identified as to communicate proposed conduit use.
- All conduits shall be temporarily sealed upon installation at both ends as to prevent infiltration and blockage of conduits. Spiral warning tape ends should be inserted into the conduit ends prior to temporarily sealing.

- (11) Customer/Contractor shall install conduit for services in compliance with NIPSCO Electric standards ER 19-285-G Service – General.
- (12) Customer/Contractor shall locate the residential electric and gas meters so that the Service Line can be installed from the gas main in a perpendicular, continuous straight line to the meter location.
- (13) For Residential new construction gas services, Customer/Contractor shall stub a fuel line to the outside of the building in order to confirm service location prior to NIPSCO installation of the service line to the building. If Customer/Contractor extends the fuel line through concrete or masonry, including future masonry veneer, the fuel line must be encased in a protective sleeve with the space between sleeve and fuel line sealed.

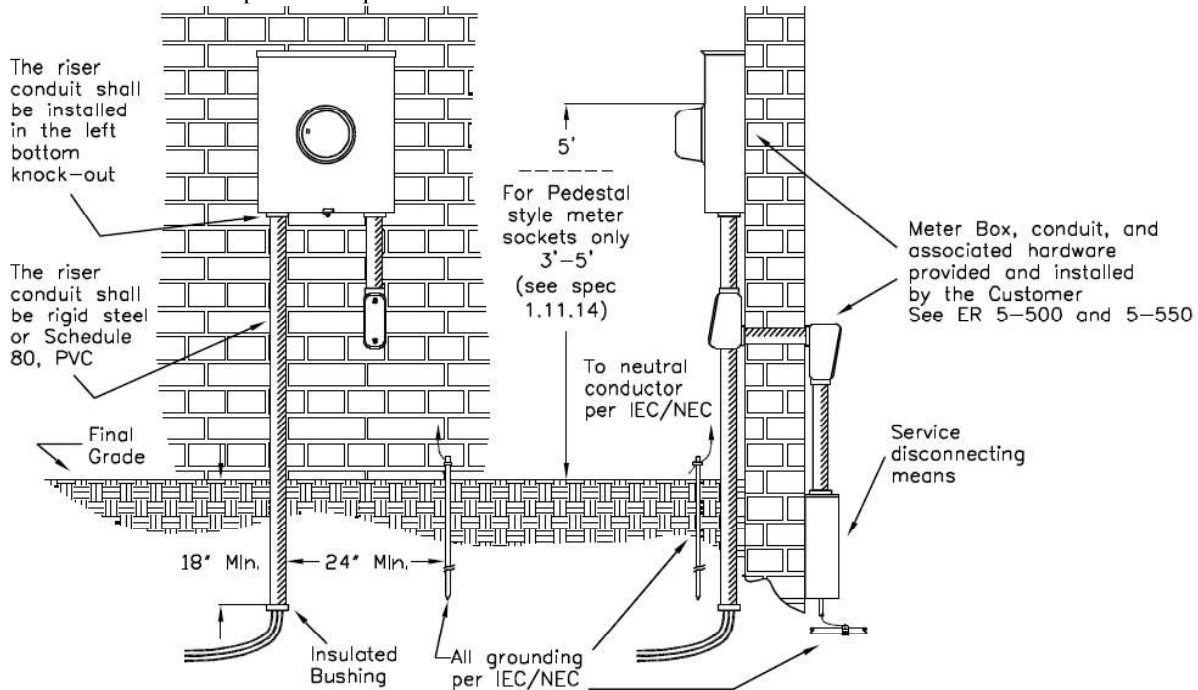


(14) Gas meter locations must comply with all NIPSCO safety requirements. The below drawing illustrates example of compliant gas meter locations:





(15) Electric meter locations must comply with all NIPSCO safety requirements. The below drawing illustrates example of compliant electrical meter locations:



- (16) Customer/Contractor shall backfill with sand and compact on the foundation side where Gas or Electric meters will be located. Customer/ Contractor shall ensure that backfill (sand) will be installed from the drain tile to +/- 6" of final grade and compacted in 10"-12" layers.
- (17) The Customer/Contractor shall be financially responsible for any expenditure incurred by NIPSCO to modify its facilities due to Customer/Contractor's actions.
- (18) All required payments and/or contracts including necessary security deposits for service accounts have been received by NIPSCO.
- (19) All required permits have been obtained from local governing authorities to include but not limited to: Electric, Gas and Environmental.
- (20) All required inspections have been completed successfully and received by NIPSCO.
- (21) All building sites are subject to NIPSCO inspection to ensure compliance with NIPSCO Standards as well as state and local governing authorities. Customer shall ensure they are in compliance with their permits.
- (22) For developments, Applicant shall provide streetlight authorization letter issued from the governing municipality indicating specific locations, types (aluminum, wood or decorative), and specifications (bulb type, lumens and mast length).

***Once all site readiness tasks have been completed and the customer is ready for service, customer should contact the NIPSCO New Business department at 844-809-8921.***

The Customer/Contractor shall comply with the following requirements after completion of installation of NIPSCO facilities:

- (1) The Customer/Contractor shall ensure that final grade is maintained after completion of all construction. The Customer/Contractor shall reimburse NIPSCO for all costs associated with the relocation or redesign of gas and/or electric facilities deemed necessary due to alterations to final grade after NIPSCO's facilities have been installed.



- (2) Customer/Contractor shall be responsible for re-seeding/re-sodding property. To the extent that existing landscaping is in place, the Customer/Contractor has the right to install conduit to avoid disturbing the property. The trench will be backfilled and every effort will be made to leave the premises in a neat and presentable condition
  
- (3) Customer/Contractor shall mark the building setback lines to prevent any over digs into the easement or any excavations close enough to cause an easement collapse or settlement. The integrity of the installed utility infrastructure must be protected during the entire construction period.