




## **VOLUME 15**

### **Section 1: General Information**

# SECTION 1 GENERAL INFORMATION

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To: Volume 15 Holders

This is NVEnergy's Gas Distribution Construction Standard, which is also known as Volume 15.

These standards convey NVEnergy’s requirements for gas main, service, and meter installations. They are based upon current engineering practice and design with consideration for safety, ease of installation, facility operations, and economy.

Volume 15 is designed to assist a wide variety of users such as contractors, developers, planners, and inspectors. You should be able to identify and use the standards which pertain to your area of responsibility. These standards will be referred to on construction drawings and contracts with NVEnergy.

There should be no exceptions to the construction requirements in these standards. However, if it becomes necessary to construct a gas facility in a non-standard manner, the assigned Utility Project Coordinator, Inspector or Supervisor must approve the construction.

A current version of Volume 15 can be found on-line at:

[https://www.nvenergy.com/business/newconstruction/newconstructionN/standards/gas\\_standards/vol\\_1\\_5.cfm](https://www.nvenergy.com/business/newconstruction/newconstructionN/standards/gas_standards/vol_1_5.cfm)

Contractors or other non NVEnergy entities will be responsible to print copies for field personnel to have on hand at the job site.

Suggestions for improvement to existing standards, or development of new standards, are encouraged. Please forward any inquiries or proposals to:


NVEnergy  
 Gas Engineering Service (R30GW)  
 P.O. Box 10100  
 Reno, NV 89520-0024

(775) 834-7038

We trust that you will find this information helpful in completing your work, and that you will use Volume 15 in a manner for which it was intended.

Sincerely,

NVEnergy’s  
 Standards Team

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## APPLICATION FOR SERVICE


To apply for service, call or stop by NVEnergy's Customer Service Engineering office located at 1 Ohm Place, south off Mill St. between Rock Blvd. and McCarran Blvd. Our telephone number is 834-4555.

Ask to speak with a Utility Design Administrator. For commercial, industrial, and apartment applications, the request for service will generally require the following:

- Owner Information - Deed of Property
- Site Plan
- Civil Plan
- Utility Plan
- Mechanical Plan
- Landscaping
- Phasing
- Architectural Plan
- Mechanical Plans
- BTU Requirements
- Load per Meter
- Meter Locations
- High Pressure Requests (if applicable)

Please go to the following web site for a more detailed listing of requirements for service:  
[https://www.nvenergy.com/business/newconstruction/newconstructionN/need\\_gas.cfm](https://www.nvenergy.com/business/newconstruction/newconstructionN/need_gas.cfm)

It is important that NVEnergy's Distribution Design group be provided, as early as possible, with accurate load information and the date when the customer will require service so that all necessary arrangements may be completed.

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<b>APPLICATION FOR SERVICE</b>				

# SECTION 1: GENERAL INFORMATION

ATTENTION: CONTRACTORS, DEVELOPERS, HOMEOWNERS & ENGINEERS

**STOP!! CALL BEFORE YOU DIG!!**

Before you start any excavation work using mechanical equipment, call Underground Service Alert of Northern/Central California and Nevada (USA North). You may want to start a large trenching job, auger a post hole, or excavate to install a swimming pool, but do you want to cut off electricity, telephone, water, gas, TV, or other important underground facilities in the process? That could happen if you start digging before checking the location of underground facilities with USA North.

To avoid this costly inconvenience, or the possibility of a severe accident call USA North's. toll- free notification center, at least 2 working days before you dig. When you call USA North at 811, you reach a coordination center for all participating utility operators. All the participating members that have facilities in your work area will be notified of where you intend to dig.

USA North may be new to you so here is how it works. Outline your proposed excavation area in white paint. If you are planning to dig in the State of Nevada or Central and Northern California call 811, two (2) working days before you plan to dig between 6:00AM and 7:00PM (PST), Monday through Friday excluding holidays. A trained operator will answer your call and ask for the following information:

### USA NORTH TICKET INFORMATION

811

PHONE:

ALTERNATE PHONE:

FAX NUMBER:

E-MAIL ADDRESS:

YOUR NAME:

YOUR COMPANY NAME:

TYPE:

INDUSTRY:

COMPANY'S ADDRESS:

CITY:

STATE:

ZIP:

WHAT COUNTY IS YOUR WORK BEING DONE IN?

START DATE: (2 WORKING DAYS NOTICE REQUIRED)

START TIME:

COMPANY YOU ARE WORKING FOR:

AS REQUIRED, HAVE YOU OUTLINED YOUR EXCAVATION SITE WITH WHITE PAINT?

PERMIT TYPE: PERMIT NUMBER:


FOREMAN'S NAME:

DOES YOUR EXCAVATION INCLUDE BORING, IF SO WHAT TYPE?

WORK TYPE: (AUGERING, DRILLING, GRADING, RIPPING, TRENCHING, ETC.)

PLACE: (CITY OR COMMUNITY)

DIG SITE TYPES: ADDRESSE(S) BETWEEN 2 NEAREST STS., STREET BETWEEN 2 NEAREST STS., STREET & NEAREST ST., INTERSECTION, OR BOUNDED BY AREA THAT CONTAINS NO STREETS; INCLUDE SIDE OF STREET, FOOTAGES, OTHER TIE IN MEASUREMENTS OR LAT/LONG IN NAD 83 CONUS DECIMAL FORMAT

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You will next be given a ticket number so if you ever have any occasion to call USA North or other utilities about this particular excavation you can refer to the ticket number for ease of identification.

PLEASE REMEMBER, YOUR LOCATION REQUEST IS ONLY GOOD FOR 14 CALENDAR DAYS IN NEVADA.


Your excavation information will be promptly transmitted via high-speed computer to the participating organizations that may have underground facilities at that location. Each participating organization will, in accordance with their location policy, provide information about or locate and identify the location of its facilities by staking and/or marking the horizontal paths on the surface in uniformity with the USA North color code. These color codes have been adopted for use by all USA North members.

<u>COLOR</u>	<u>FACILITY</u>
RED	ELECTRIC LIGHTING
YELLOW	GAS-OIL-STEAM-CHEMICAL
ORANGE	COMMUNICATION/CATV ALARM/SIGNAL CABLES/CONDUITS
BLUE	POTABLE WATER
GREEN	SEWER STORM DRAIN
PURPLE	RECLAIMED WATER IRRIGATION SLURRY
PINK	TEMP. SURVEY MARKINGS
WHITE	PROPOSED EXCAVATION

Please try to preserve/maintain your location marks as long as possible to avoid remarks within the 14 day period.

After you call USA North, you should contact directly any non-participating underground organizations that serve your area. As in the past, USA North does not provide location service for engineering design work. Please refer these requests to the individual agencies involved.

Emergencies during normal working hours of the center will be processed as promptly as possible. Emergencies after center closing hours should be called directly to the organizations whose facilities are involved. If you experience a life threatening situation please call 911 or the local fire department.

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"CALL BEFORE YOU DIG" saves you time and money, reduces damages to underground facilities, promotes safety on your jobs, and helps you comply with the State of Nevada Occupational Safety and Health Standards for the construction industry.

Due to the tremendous success of the CALL BEFORE YOU DIG program, which began in 1975, USA North has been able to expand throughout Central and Northern California, and the entire States of Nevada.

If the USA North program is to be totally successful, one call must reach all underground operators. This is where you come in!!!


### EXCAVATORS:

If you are an excavator working in the State of Nevada or Central and Northern California, call 811 two (2) working days before you dig and let USA North contact all participating members. This will save you valuable lost production time.

Remember, CALL BEFORE YOU DIG is the law. Let's all join together and help USA North make our communities a safer place to live and work in!!!

Sincerely,


NVEnergy's  
Service Center Team

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**VOLUME 15 REVISION HISTORY**

<b>Revision</b>	<b>Date</b>	<b>Section Revised</b>	<b>Description</b>
1	8/1/00	VARIOUS	SEVERAL STANDARD CHANGES AND TEXT IMPROVEMENTS.
2	2/19/02	VARIOUS	REMOVED WATER STDS, CHANGED PURGE TEE, REVISED MTR SELECTION GUIDELINES & LOC, CHANGED SAND SPEC, CHANGED TRACER WIRE LOC, CHANGED 2" X 2" BRANCH SADDLE, ADDED 2" AND 4" WXF BALL VALVES
3	7/31/06	VARIOUS	REVISED GENERAL INFORMATION SECTION 1; REVISED REQUIREMENTS FOR "CALL BEFORE YOU DIG" NOTICE; REMOVED VARIOUS REFERENCES TO WATER IN ALL SECTIONS; REVISED GAS BEDDING SAND STANDARD SEC. 3 SUB01X 4.2; ADDED REQUIREMENTS FOR JOINT TRENCH ON PRIVATE PROPERTY (SEC. 3,4.5.2); REMOVED 7 PAGES TE0027-(WATER AND SEWER SEPARATION); ADDED REFERENCES TO FBE (FUSION BONDED EPOXY) COATED PIPE-SEC.4; CHANGED TRACER WIRE SPECIFICATIONS-VARIOUS SECTIONS; CHANGED STOCK NUMBERS FOR MASTIC AND TRACER WIRE IN VARIOUS CONSTRUCTION DRAWINGS; REPLACED GMI19G (CHANGED FROM 800 METER TO 630 METER); CHANGED DIMENSION OF ALL 2" RISER TO BE 24" OUT FROM BUILDING WALL; REVISED TABLES IN SEC. 6 TO INCLUDE NEW 630 METER;
4	7/10/17	VARIOUS	1-800 NUMBER EMITTED DUE TO IT NO LONGER BEING VALID.

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