



————— Electrical Service Requirements —————

# TEMPORARY SERVICE

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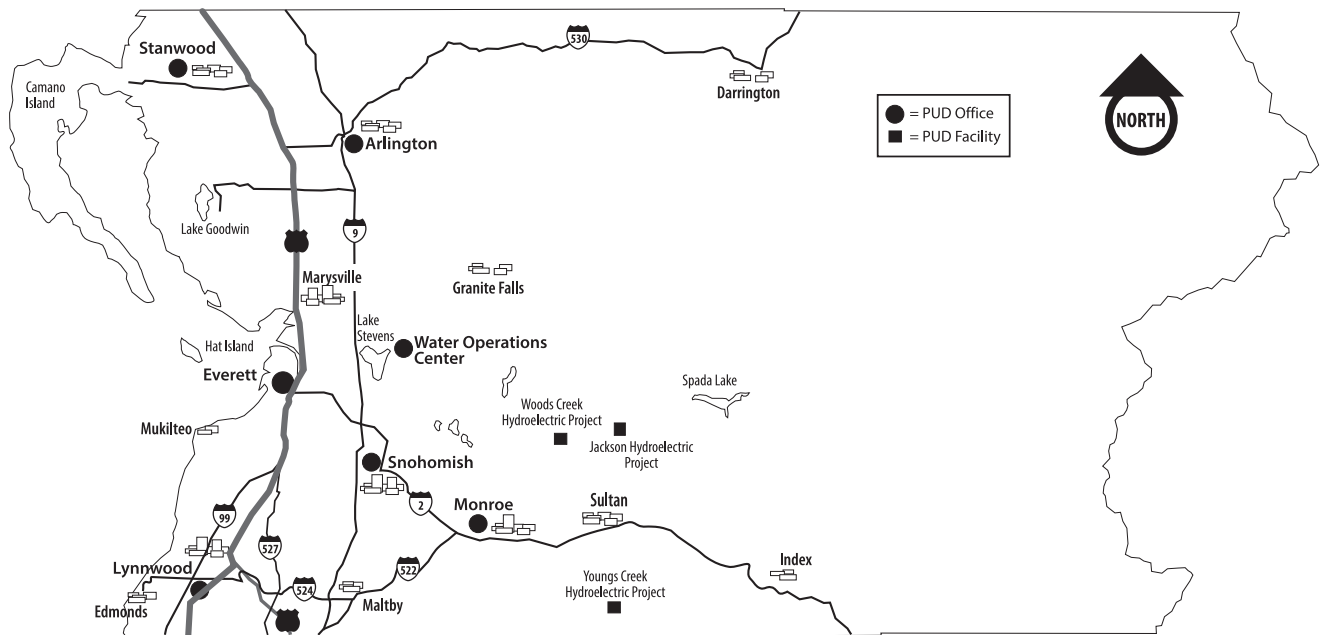
- Temporary service location
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### APPLICATION FOR SERVICE – RESIDENTIAL

### APPLICATION FOR SERVICE – COMMERCIAL

*Note: New services (as well as rewires or panel upgrades) require engineering and construction time that may take as long as twelve (12) weeks. Normally, there are fees for establishing service, and these must be pre-paid. Electrical inspections and approval are required prior to the PUD energizing any service.*

# PUD Service Territory



## PUD Contacts

- Everett (Headquarters)  
425-783-8272  
2320 California ST | Everett, WA 98201
- Arlington PUD office  
425-783-1000  
210 E. Division | Arlington, WA 98223
- Lynnwood PUD office  
425-783-1000  
21014 - 63rd AV W | Lynnwood, WA 98036
- Monroe PUD office  
425-783-1000  
120 E. Fremont | Monroe, WA 98272
- Snohomish PUD office  
425-783-1000  
807 Rainier | Snohomish, WA 98290
- Stanwood PUD office  
425-783-1000  
9124 - 271 ST NW | Stanwood, WA 98292
- PUD Real Estate Services  
425-783-4408  
1802 - 75th ST SW | Everett, WA 98203

Monday through Friday, 8:00 AM to 5:00 PM

Toll-free in Western Washington and outside the Everett local calling area at 1-877-783-1000

## OTHER UTILITIES

- Telephone:* Frontier
- Gas:* Puget Sound Energy  
Cascade Natural Gas
- Water:* Contact your local provider
- Cable:* Contact your local provider

## ELECTRICAL INSPECTIONS

- State of Washington L&I (Everett)  
425-290-1309
- State of Washington L&I (Mt. Vernon)  
360-416-3000
- City of Everett  
425-257-8810
- City of Lynnwood  
425-670-5417
- City of Marysville  
360-363-8223
- City of Mountlake Terrace  
425-775-9694

# CHAPTER ONE

## INTRODUCTION

This handbook provides you with the necessary information you need to request and obtain a temporary service.

Snohomish County Public Utility District #1 (PUD) defines a temporary service as “a means of supplying electricity to your construction site for a maximum of 18 months.” Typically, a temporary service is installed to provide power for the construction phase of your project while provisions are being made for your permanent power system.

Several items need to be completed before we can energize your temporary service. They are:

- ❑ Call the PUD office closest to your location and ask to speak to an Area Designer to determine whether or not you have overhead or underground service available;
- ❑ Install your service equipment;
- ❑ Obtain a state or city electrical inspection and approval of your service equipment;
- ❑ Obtain a service inspection approval from PUD;
- ❑ Pay fees.

The remainder of this brochure will assist you with this process. If you have any questions, please call or visit your nearest PUD office (see inside front cover) for information on permanent services, or check our website at **snopud.com** and search on “electrical service requirements.”

## INSPECTIONS AND CODES

This handbook should be used as a guide. It does not cover all possible federal, state, or local requirements. It is your responsibility to ensure that your project complies with the most recent issue of the National Electric Code (NEC) and any other federal, state, or local codes that may apply.

## METER SOCKET REQUIREMENTS

You are required to provide a meter socket with the following specifications:

- Rated 120/240 volts
- Single-phase
- Minimum rating of 125 amps
- Maximum rating of 200 amps
- Four jaws
- UL-approved (Underwriters Laboratory)

The PUD will supply a meter ring.

If you would like a service other than 200 amps | 120/240 volt | single-phase, please contact your PUD Area Designer prior to beginning construction.

# CHAPTER TWO

## TEMPORARY OVERHEAD SERVICE

The process and cost of obtaining your temporary overhead service can vary, depending upon the location of our existing facilities. The least complicated and cheapest way a service can be installed is if a transformer is located on a pole (see figure 3-3) on or along your property.

### METER LOCATION

Your temporary meter post should be located on your property within 150 feet of the PUD power pole that will serve you and should be located within 15 feet of the road or driveway.

Please consider the following:

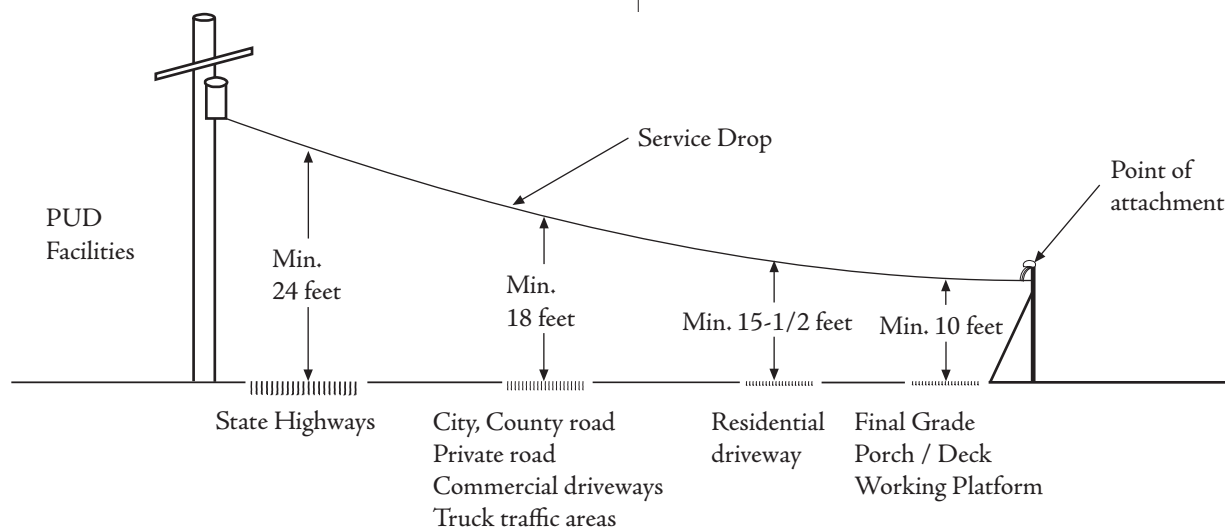
- The path that the service line will take should not cross property belonging to other individuals.

- If the service line will pass through trees or brush, a 5-ft. path must be cleared to allow our service personnel to run the line and allow the lines to hang without contacting trees or limbs. Maintaining this clear path is your responsibility.
- The service line path should avoid areas where vehicular traffic will occur, unless your temporary service post height is increased to provide adequate clearance. (See figure 3-3 for clearance requirements.)

### CLEARANCE REQUIREMENTS

Figure 3-3 shows the clearance requirements for the types of terrain most commonly encountered.

FIGURE 3-3

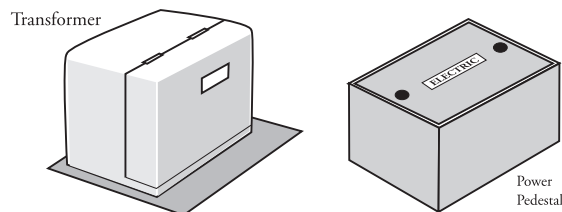




# CHAPTER THREE

## TEMPORARY UNDERGROUND SERVICE

The process and cost of obtaining your temporary underground service can vary, depending on the location of our existing facilities. If there is a transformer or power pedestal located on your property (see figures to the right), engineering may not be required. Simply install your temporary service equipment (figure 4-13) and obtain inspections from the State or the City, and the PUD. If you have questions about our facilities, contact your PUD Area Designer.

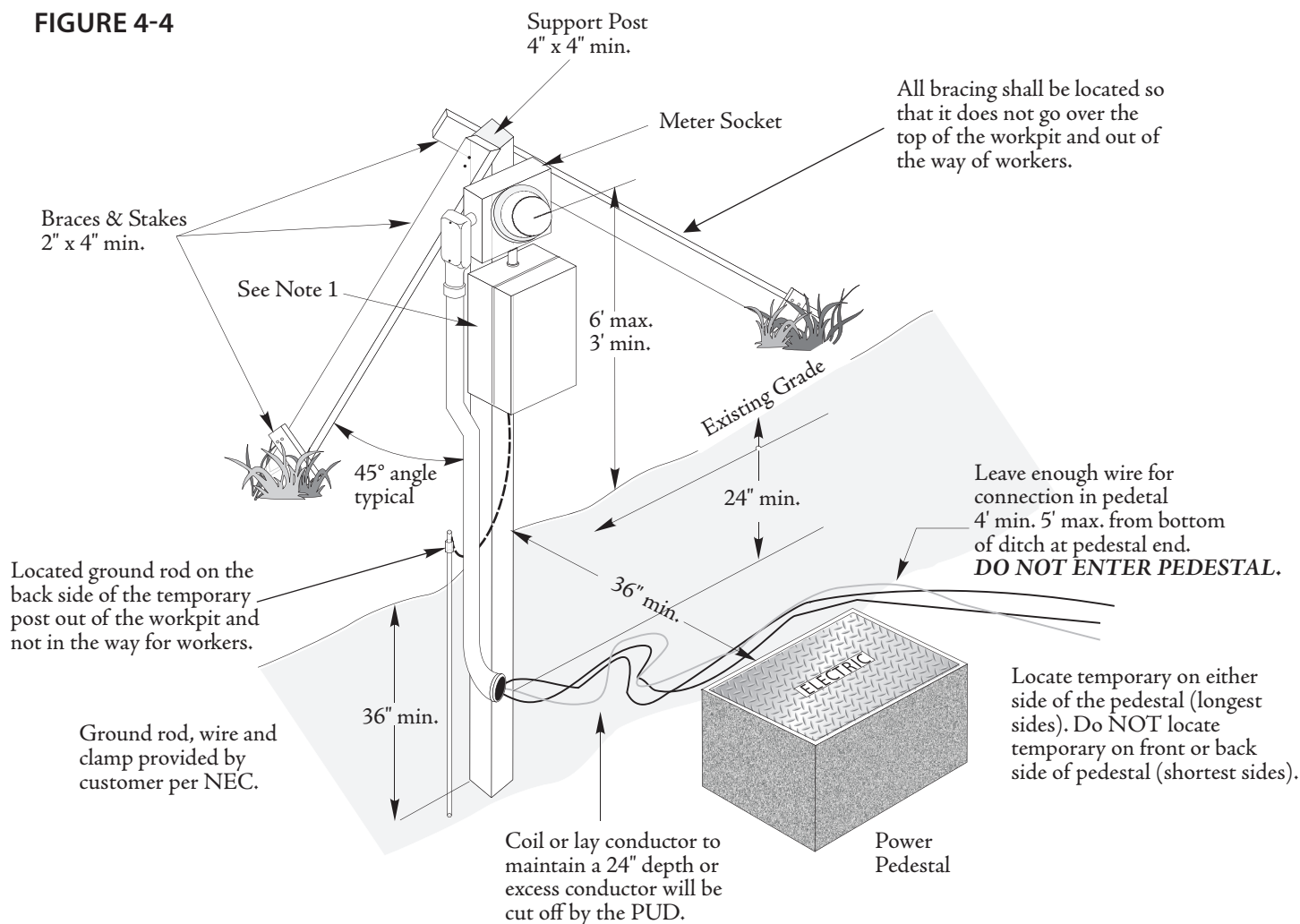


### TEMPORARY SERVICE LOCATION

The following items are required to properly locate your temporary service equipment:

- Set the equipment on your property no closer than 3-ft. from the power pedestal.
- Place bracing and temporary pole away from future service trench location.

FIGURE 4-4



## TRENCHING REQUIREMENTS

It is your responsibility to provide a buried cable from your temporary meter base to our power pedestal.

The trenching requirements to connect to a hand hole are shown in figure 4-13. The cable you install should be sized per the NEC and should have a minimum cover of 24". Trench to the nearest side of the power pedestal and leave your wires exposed. If you discover any other conductors while digging your trench, please leave them covered.

The customer shall provide select backfill (no rocks) for the PUD to use in shading the area conductors after energizing them. Sand shall be required if select backfill material is not available. The select backfill or sand shall provide a 3" bedding below conductors and a minimum cover of 3" above conductors. The customer shall backfill the entire temporary service excavation within 24 hours after the PUD has energized and shaded the service conductors.

Remember that you are required by law to call the UULC (1-800-424-5555) and request buried utility locations 48 hours (two working days) before digging. Any trenching within 24" of existing underground facilities must be done by hand.

Figure 4-4 illustrates the recommended temporary underground service installation. Please note the dimensions shown. Deviations to this recommended standard could result in a delay in receiving your service and/or your service being denied.

Items owned and installed by the customer:

1. 4" x 4" x 10' continuous single structure
2. 2" x 4" bracing (post should be braced from two directions)
3. Meter socket and distribution panel
4. Ground wire (per NEC)
5. Ground rods (per NEC)
6. Service entrance conductors (per NEC), leave 5-ft. additional at PUD power pedestal

Items owned and installed by the PUD

1. Meter



1097R REV. 05/08

# RESIDENTIAL

## NEW SERVICE QUESTIONNAIRE / AGREEMENT • SNOHOMISH COUNTY PUD

CUSTOMER'S NAME \_\_\_\_\_ EMAIL \_\_\_\_\_

(LEGAL NAME FOR CONTRACTS)

PHONE: WORK ( ) HOME ( ) CELL ( ) FAX ( )

SERVICE ADDRESS \_\_\_\_\_

(HOUSE NUMBER AND STREET ADDRESS, CITY, STATE, ZIP CODE)

MAILING ADDRESS \_\_\_\_\_

(HOUSE NUMBER AND STREET ADDRESS, CITY, STATE, ZIP CODE)

ARCHITECT/SURVEYOR \_\_\_\_\_ WORK PHONE ( )

ELECTRICAL CONTRACTOR \_\_\_\_\_ EMAIL \_\_\_\_\_

PHONE: WORK ( ) FAX ( ) CELL ( )

GENERAL CONTRACTOR \_\_\_\_\_ EMAIL \_\_\_\_\_

PHONE: WORK ( ) FAX ( ) CELL ( )

HOUSE  MOBILE HOME  OTHER \_\_\_\_\_  
(PLEASE SPECIFY: RECREATIONAL VEHICLE, PUMP HOUSE, GARAGE, ETC.)

PUD MAIN LINE ON YOUR PROPERTY TO BE:  OVERHEAD  UNDERGROUND

SERVICE LINE (TRANSFORMER TO RESIDENCE) TO BE:  OVERHEAD  UNDERGROUND\*

\*IF UNDERGROUND:  PUD INSTALLED  CUSTOMER INSTALLED

ELECTRICAL SERVICE ENTRANCE SIZE:  200 AMP  400 AMP  \_\_\_\_\_ AMP

IN ORDER TO PROCEED WITH THE ENGINEERING AND DETERMINATION OF CHARGES, THE FOLLOWING INFORMATION MAY BE REQUIRED:

- Copy of the survey for the property showing lot lines, property corner stakes, dimensions, easements and right-of-way. ATTACHED?  YES  NO
- Legal description of property (copy of deed). ATTACHED?  YES  NO
- Plot plan of lot showing approximate locations of buildings, driveways, and proposed electrical facilities and service location. ATTACHED?  YES  NO
- Snohomish County or appropriate governmental agency Critical Area Regulation or other requirements have been met and details attached?  YES  NO (If "NO," information must be provided to the PUD before proceeding with engineering)

### ELECTRICAL INFORMATION

TYPE OF HEAT:  ELECTRIC  GAS  WOOD  OTHER (SPECIFY) \_\_\_\_\_

TYPE OF ELECTRIC HEAT AND KILOWATT (kW) LOAD:

Furnace _____ kW	Air Conditioning:	Heat Pump: _____ tons
Wall _____ kW	Amps starting current _____	Amps starting current _____
Baseboard _____ kW	Amps running current _____	Amps running current _____
Boiler _____ kW	Soft start: <input type="checkbox"/> YES <input type="checkbox"/> NO	Soft start: <input type="checkbox"/> YES <input type="checkbox"/> NO
Other _____ kW	Hot Water:	
	<input type="checkbox"/> Gas <input type="checkbox"/> Electric _____ kW	<input type="checkbox"/> Tankless _____ kW
MISCELLANEOUS LOADS:	Pool _____ kW	Sauna _____ kW
Hot Tub _____ kW	Other (specify) _____ kW	
Welder _____ kW		

APPROXIMATE DATE SERVICE WILL BE REQUIRED: \_\_\_\_\_

PRESENT CONDITION OF BUILDING SITE: \_\_\_\_\_

GRADES & STAKES FORM SIGNED?:  YES  NO  
(This is a form attesting that property corner locations and final grade is ESTABLISHED.)

It is understood that if additional work is required of the PUD, due to customer revisions of the electrical load and/or voltage requirements or other information as supplied or requested on this form, the additional costs shall be borne by the customer. **The PUD provides for installed load, not future load.**

**Prior to energizing the service, all PUD standards and service requirements must be met and approved by the PUD.**

CUSTOMER SIGNATURE \_\_\_\_\_ DATE: \_\_\_\_\_





# COMMERCIAL

## NEW SERVICE QUESTIONNAIRE / AGREEMENT • SNOHOMISH COUNTY PUD

CUSTOMER'S NAME \_\_\_\_\_ EMAIL \_\_\_\_\_

*(LEGAL NAME FOR CONTRACTS)*

PHONE: WORK (    )                      HOME (    )                      CELL (    )                      FAX (    )

SERVICE ADDRESS \_\_\_\_\_

*(NUMBER AND STREET ADDRESS, CITY, STATE, ZIP CODE)*

MAILING ADDRESS \_\_\_\_\_

*(NUMBER AND STREET ADDRESS, CITY, STATE, ZIP CODE)*

ARCHITECT/SURVEYOR \_\_\_\_\_ WORK PHONE (    ) \_\_\_\_\_

ELECTRICAL ENGINEER OR CONTRACTOR \_\_\_\_\_ EMAIL \_\_\_\_\_

PHONE: WORK (    )                      FAX (    )                      CELL (    )

PROJECT COORDINATOR \_\_\_\_\_ EMAIL \_\_\_\_\_

PHONE: WORK (    )                      FAX (    )                      CELL (    )

If job is not yet bid out, what is the expected bid date? \_\_\_\_\_ **Approximate date service will be required:** \_\_\_\_\_

GRADES & STAKES FORM SIGNED?:     YES     NO

TYPE OF FINANCING:     CASH     LETTER OF GUARANTEE     PERFORMANCE BOND

IN ORDER TO PROCEED WITH THE ENGINEERING AND DETERMINATION OF CHARGES, THE FOLLOWING INFORMATION MAY BE REQUIRED:

1. Snohomish County or appropriate governmental agency Critical Area Regulation or other requirements have been met and details attached?     Yes     No (If "NO," information must be provided to the PUD before proceeding with engineering)
2. Three complete copies of the sites plan (including water, sewer and storm) - one electronic file preferred
3. Legal description (include copy of deed)
4. Complete riser diagram
5. Desired metering location (one location per building) and Desired Transformer Location
6. Will existing power facilities require relocation?     Yes     No (if "yes," mark on site plan)

### REQUIRED ELECTRICAL INFORMATION

ELECTRICAL SERVICE ENTRANCE SIZE:     200 AMP                       400 AMP                       \_\_\_\_\_ AMP  
 OVERHEAD     UNDERGROUND     VOLTAGE \_\_\_\_\_ / \_\_\_\_\_     SINGLE-PHASE                       THREE-PHASE

SERVICE ENTRANCE:                      TOTAL NUMBER OF CONDUCTOR RUNS: \_\_\_\_\_  
 PHASE WIRE SIZE \_\_\_\_\_                      NEUTRAL WIRE SIZE \_\_\_\_\_

TYPE OF HEAT:     ELECTRIC     GAS     WOOD     OTHER (SPECIFY)  
 TYPE OF COOLING:     ELECTRIC     GAS     NONE     OTHER (SPECIFY)

TYPE OF BUSINESS: \_\_\_\_\_                      BUSINESS SQ. FOOTAGE: \_\_\_\_\_

WILL THERE BE ANY GENERATION AT THIS FACILITY?     YES     NO

IF "YES," WHAT KIND OF INTERCONNECTION DO YOU INTEND ON USING?     OPEN TRANSITION     CLOSED TRANSITION

TOTAL ELECTRICAL LOAD:

	EXISTING	NEW	VOLTAGE	PHASE
LIGHTING	_____ KW	_____ KW	_____	_____
HEATING	_____ KW	_____ KW	_____	_____
AIR CONDITIONING	_____ KW	_____ KW	_____	_____
WATER HEATING	_____ KW	_____ KW	_____	_____
MOTORS	_____ KW	_____ KW	(PLEASE DESCRIBE DETAILS BELOW)	
MISCELLANEOUS	_____ KW	_____ KW		
TOTAL:	_____ KW	_____ KW	_____	_____

**MOTORS\* (CHARACTERISTICS OF PROPOSED LOAD):**

SIZE IN HP	QUANTITY	SOFT START? YES OR NO	STARTING AMPS	RUNNING AMPS	PHASE	CLASS	VOLTAGE	NO. OF STARTS	PER DAY OR HOUR

*\*PLEASE ATTACH ADDITIONAL SHEET WITH IDENTICAL CATEGORY LISTINGS IF YOU NEED MORE ROOM.*

It is understood that if additional work is required of the PUD, due to customer revisions of the electrical load and/or voltage requirements or other information as supplied or requested on this form, the additional costs shall be borne by the customer. **The PUD provides for installed load, not future load.**

CUSTOMER SIGNATURE \_\_\_\_\_ DATE: \_\_\_\_\_

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## **Call two (2) full working days before you dig!**

**It's a required by law,  
and you could be held liable for any  
damages you incur to utility services**



## **Call 811 or 1-800-424-5555**

At no charge to you, **UTILITIES UNDERGROUND LOCATION CENTER (DIAL DIG)** will mark where power, gas lines, and other utilities are located on your property, using the following color codes:

RED .....	Electric
YELLOW .....	Gas – Oil
ORANGE.....	Telephone – CATV
BLUE.....	Water
GREEN.....	Sewer
PURPLE .....	Reclaimed Water
PINK.....	Survey
WHITE.....	Proposed excavation



PO Box 1107  
Everett WA 98206-1107

**425-783-8272**

**[snopud.com](http://snopud.com)**