



New Residential Electric Service Specifications

Your planning packet includes:

- Overview
- New Service Checklist
- Service Applications (101A, 201E)
- Customer Site Plan
- Example Site Plan
- Construction Specifications

Rev: 04/19

Overview

This handbook is a guide to assist you in acquiring electrical power to your property from Jefferson County PUD (JPUD). It presents general specifications and information for new electrical services.

This handbook does not cover all possible codes. You should also consult the National Electric Code (NEC), Washington Administrator Code (WAC) 296-46B, Revised Code of Washington (RCW) 19.28, Electric Utility Service Equipment Requirements (EUSERC), National Electric Safety Code (NESC), and other standards governing electrical equipment and installations.

The first step into obtaining new electrical service from the JPUD is to meet with one of our staking engineers (engineer). Your engineer will give you an overview of the steps necessary in completing your project and will provide you with a quote representing the portion of the project cost owed to from the JPUD for your project. Please note this quote will only contain fees to the JPUD and will not include Customer provided material and labor for the project. The Customer is responsible for installing all conduit, electric service equipment (i.e. meter main with disconnect) and setting any PUD provided equipment pads or handholes. The Customer or Customer's contractor is required to have all electric equipment inspected by Washington Department of Labor and Industries (L&I); before the JPUD will install any new service.

The Engineering Department has set hours of when a staking engineer will be available to meet with Customers in our office. These hours are Monday through Friday, 1:30 PM to 4:30 PM. During these hours our engineering or customer service staff will set appointments to meet with a Staking Engineer in the office. For site visits your Staking Engineer will set up a time that works for the both of you.

To obtain new electric service, the financially responsible party is asked to:

- ☐ Contact Jefferson County PUD #1's Engineering department to initiate a request for new electrical service at one of the following:
 - Phone: (360) 385-5800
 - E-mail: engineering@jeffpud.org
 - Website: <http://www.jeffpud.org/application-for-new-service/>
- ☐ Provide the following information requested by the Engineering department to create a job and quote:
 - Site plan
 - Parcel Number
 - Existing easement information regarding utilities
 - Square footage of the home or outbuilding
 - Electrical panel size and/or load information
 - Identify notable electrical load type and size (i.e. Heating and cooling equipment, Welding equipment, kiln, etc.)
- ☐ Pay new electric service quote and submit applications for service to one of our customer service representatives.
- ☐ Obtain an electrical work permit from the Washington Department of Labor and Industries (360) 417-2700.
- ☐ For any work to be performed in a public right-of-way a permit shall be obtained from the corresponding jurisdiction (City, County, or State). For County and State permits, JPUD will obtain these permits once the new service quote has been paid. For City of Port Townsend permits, it is the responsibility of the Owner or Owner's contractor to obtain.
- ☐ Prior to any excavation work call the national "Call Before You Dig" locating service by dialing 811, or 1-800-424-5555 to determine the location of existing underground utilities. The locating service will have two business days to complete the locate.
- ☐ For underground services trench to the PUD's source facility (pad-mounted transformer, secondary hand hole/pedestal, pole, etc.) as indicated by the utility provided design.
- ☐ Install a continuous conduit run with pull string from existing JPUD equipment to the customer-owned meter base per JPUD standards.
- ☐ Install any required vault(s), equipment pad(s) or secondary hand-hole/pedestals per JPUD standards.
- ☐ Obtain any required easements and record at the Jefferson County Recorder's office. Please provide JPUD a copy.
- ☐ Obtain an electrical inspection of the service entrance equipment from the Department of Labor and Industries. Please note the L&I electrical inspector **will not** notify JPUD of the inspection, it is the responsibility of the customer, or customers representative, to alert JPUD of an approved inspection.
- ☐ For all trench work please contact JPUD engineer to schedule an inspection. Following inspection and approval, backfilling of the trench is permitted.



Public Utility District No. 1 of Jefferson County
Customer Application for Service
Form 101-A

| | | | | | |
|--|--|--------------------------------|--|--------------------------------|--------------------------------------|
| Electric <input type="checkbox"/> | | Water <input type="checkbox"/> | | Sewer <input type="checkbox"/> | |
| Service Address | | | | | Unit # |
| City | | Zip | | Service Start Date | |
| Residential <input type="checkbox"/> Commercial <input type="checkbox"/> | | | Rent <input type="checkbox"/> Own <input type="checkbox"/> | | |
| Organization (Enter point of contact info as secondary) | | | Federal ID | | Inc. Date |
| Phone | | Fax | | Email | |
| Name - Primary | | | E-Mail | | ID Verified <input type="checkbox"/> |
| Phone (Home) | | Phone (Business) | | Phone (Mobile) | SSN |
| Name – Secondary | | | E-Mail | | ID Verified <input type="checkbox"/> |
| Phone (Home) | | Phone (Business) | | Phone (Mobile) | SSN |
| Billing/Mailing Address | | | | | |
| City | | State | | Zip | |
| Authorization Password | | | | | |

With Customer(s) signature and acceptance by the District, the application becomes a contract committing the Customer(s) to pay for utility services at the above location at the applicable and established rates and minimum charges, and for any unpaid services previously rendered to the Customer(s) by the District. The Customer(s) agree to be governed by the policies and Resolutions of the District which includes providing safe access to PUD property by PUD employees as required. Breach of contract by the Customer(s) shall obligate the Customer(s) for all loss suffered by the District by reason thereof. In addition, the Customer(s) hereby grants authorization to the District to check credit and utility history, and understand a deposit may be required prior to service. The Customer(s) agree that the information in this application is true and correct to the best of their knowledge.

District policies can be found at www.jeffpud.org/policies. Print copies will be made available upon request.

Primary Applicant

Date

Secondary Applicant

Date

| Internal Use Only | | | | | |
|---|--|---|---|--------------|-------|
| Provider Information | | | | | |
| 1JCE <input type="checkbox"/> | 2JCW <input type="checkbox"/> | 3JCS <input type="checkbox"/> | 4JCF <input type="checkbox"/> | | |
| SL# | SL# | SL# | SL# | | |
| Parcel # | | New Construction <input type="checkbox"/> Existing Service <input type="checkbox"/> | | | |
| Credit Verification | | | | | |
| Credit Check <input type="checkbox"/> | NISC Credit Rating: | | Letter of Credit (<i>Attached</i>) <input type="checkbox"/> | | |
| Fees | | | | | |
| Standard Reconnect | | Net Meter Application | | | |
| Meter Reader <input type="checkbox"/> | \$ 60.00 | 0 kW – 25 kW <input type="checkbox"/> | | \$100.00 | |
| Line Crew <input type="checkbox"/> | 150.00 | Greater than 25 kW <input type="checkbox"/> | | 500.00 | |
| After Hours Reconnect <input type="checkbox"/> | 250.00 | Other (<i>Write in</i>) <input type="checkbox"/> | | \$ | |
| Credit Check <input type="checkbox"/> | 5.00 | | | | |
| Total Fees | | Contribution in Aid (CIAC) | | Deposit | |
| Total Paid | | Date Paid | | Work Order # | |
| Account # | | Revenue Class | | Rate | Cycle |
| Fiber Only | | | | | |
| Certificate of Liability <input type="checkbox"/> | Business License Verification <input type="checkbox"/> | | Valid Reseller Permit Yes <input type="checkbox"/> No <input type="checkbox"/> | | |

PUD Representative for the District

Date



Public Utility District No. 1 of Jefferson County
New Service – Electric Service Worksheet
Single-Family Residential – FORM 201E

I NEED: ☐ Temporary Electric Service or ☐ Permanent Electrical Service

| | | |
|---|--------|---|
| PROJECT INFORMATION: | | |
| Project Name: | | Parcel #: |
| Project Address: | | |
| Mailing Address (If different from Service Address): | | Phone No.: |
| City: | State: | Zip Code: |
| Fax No.: | | |
| Within City Limits? <input type="checkbox"/> YES <input type="checkbox"/> NO | | Construction Start Date: Desired Service Date: |

| | |
|-------------|---------------|
| Contractor: | Contact Name: |
| Phone No. | Email: |

| | |
|--|-----------------------|
| TEMPORARY SERVICE INFORMATION: | |
| Type of Service: <input type="checkbox"/> Overhead <input type="checkbox"/> Underground <input type="checkbox"/> Remote Temporary | Desired Service Date: |

| | |
|---|-------------------------|
| PERMANENT SERVICE INFORMATION: | |
| Type of Service: <input type="checkbox"/> Overhead <input type="checkbox"/> Underground | Desired Service Date: |
| Are there any existing power facilities that will require relocation? <input type="checkbox"/> YES <input type="checkbox"/> NO | If YES Please Describe: |

| | |
|---|---|
| LOAD INFORMATION: | |
| Square Footage: | Additional Out Buildings? <input type="checkbox"/> YES <input type="checkbox"/> NO If you want separate metering please fill out a separate application. |
| Electric Panel Size: <input type="checkbox"/> 200 AMPS <input type="checkbox"/> 320 AMPS <input type="checkbox"/> 400 AMPS <input type="checkbox"/> OTHER _____ | |

Use the space below to draw an approximate site plan:

(Please include building locations, transformer & meter base locations, distances, lot dimensions, and any other pertinent features.)

| |
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| |
|--|

This application is official notice to PUD #1 of Jefferson County to begin the needed steps to provide you with new electrical service. If any of the above information is changed you may be responsible for additional charges related to engineering, construction, or other aspects of providing service. If there is inactivity or lack of progress on your project and this project is canceled by you or by PUD #1 of Jefferson County, you will be responsible for paying PUD #1 of Jefferson County actual costs incurred up to the time of cancellation. Any questions or concerns please call 360-385-5800.

Print Authorized Name: _____ Authorized Signature: _____ Date: _____

Please return completed & signed application (along with FORM 101A):

By Mail to: 310 Four Corners Rd, Port Townsend WA 98368 **In Person To:** 310 4 Corners Rd, Port Townsend, WA 98368 **Fax to:** 360-385-5945



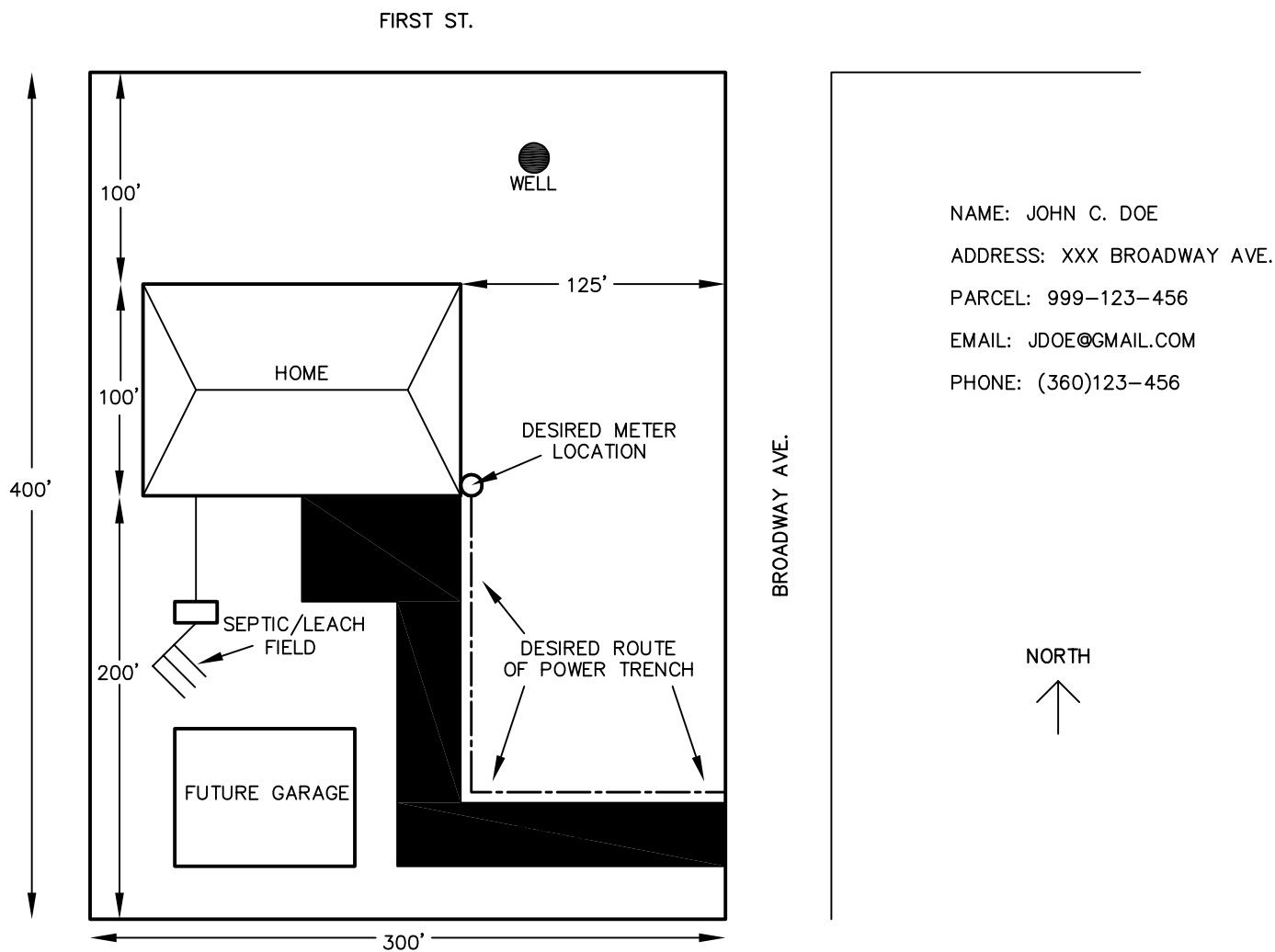
Customer Site Plan

| | | | |
|------------------|--|------------------|--|
| Name: | | Mailing Address: | |
| Service Address: | | | |
| Parcel Number: | | | |
| Phone: | | | |
| E-Mail: | | | |

Sketch Site Plan Below

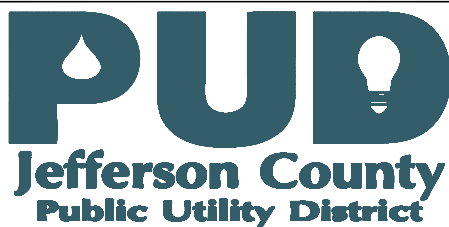
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EXAMPLE CUSTOMER PROVIDED SITE PLAN



NOTES:

- 1) THE CUSTOMER WILL PROVIDE A SKETCH OF THE BUILDING SITE SHOWING PROPOSED LOCATION OF METER BASE AND ROUTE OF TRENCH (IF REQUIRED).
- 2) IF PROPERTY IS LOCATED WITHIN THE LIMITS OF THE CITY OF PORT TOWNSEND, THE SITE PLAN IS TO BE APPROVED BY THE DEPARTMENT OF DEVELOPMENT SERVICES.
- 3) CUSTOMER MAY MEET WITH JPUD ENGINEER TO DETERMINE BEST ROUTE FOR TRENCH AND LOCATION OF METER BASE BEFORE COMPLETING SITE PLAN.



EXAMPLE CUSTOMER PROVIDED SITE PLAN

OPERATIONS SUPERINTENDENT: KEVIN STREETT

SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JACOB MEDLEY

REVISION: DATE: 5/31/18 DRAFTED BY: JMM

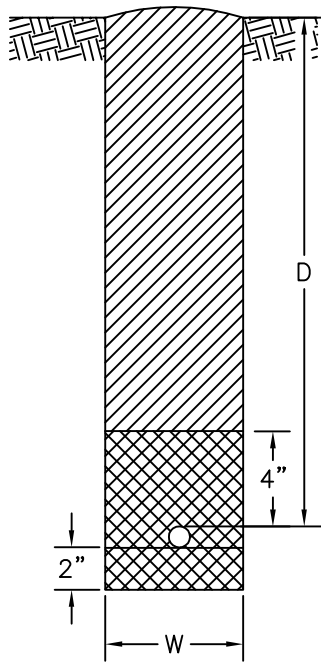
DRAWING

**SITE
PLAN**

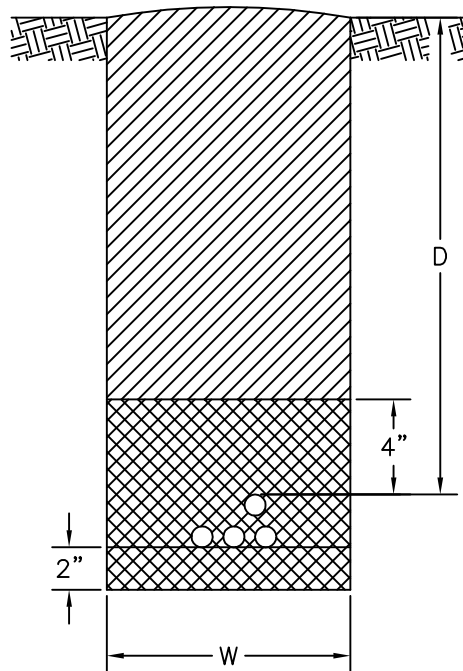


Construction Specifications

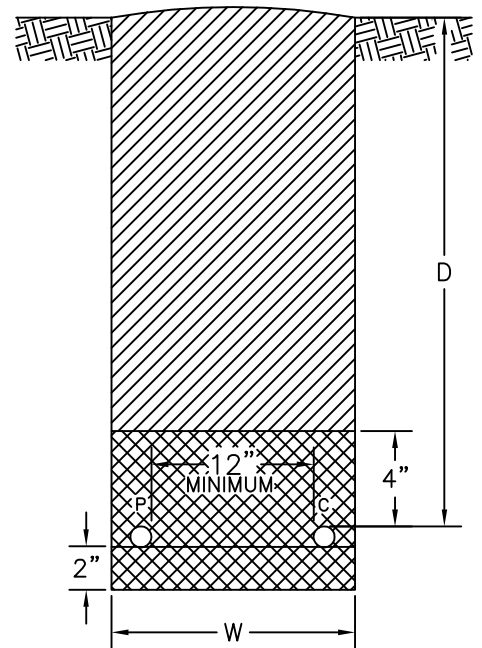
- Construction Specifications
 - Trench Detail
 - Conduit Guide
 - Conduit Elbow Guide
 - Temporary Meter Base (Underground Service)
 - Temporary Overhead Service
 - Meter Main on Building (Surface Mounted)
 - Meter Main on Building (Overhead Service)
 - Meter Main on Building (Flush Mounted)
 - Meter Main (Remote Pedestal – Wood)
 - Meter Main (Remote Pedestal – Unistrut)
 - Transformer Stub-In (Non-Energized)
 - Transformer Stub-In (Energized)
 - Pole Stub-Up



UR2 (D x W)
TRENCHING UNIT
ONE CONDUIT

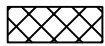


UR2-1 (D x W)
TRENCHING UNIT
MULTIPLE POWER CONDUITS
PRIMARY, SECONDARY OR SERVICE



UR2-2 (D x W)
TRENCHING UNIT
POWER AND COMMUNICATION CONDUIT
OR OTHER UTILITY

LEGEND



SAND OR CLEAN SOIL



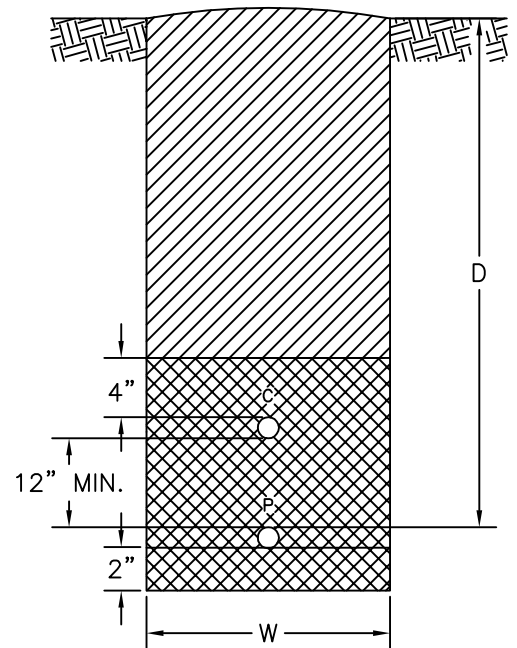
COMPACTED BACKFILL UNLESS OTHERWISE SPECIFIED



UNDISTURBED EARTH

NOTES:

- 1) DEPTH (D) IS TO BE A MINIMUM OF 42" TO TOP OF POWER CONDUIT FOR PRIMARY (HIGH VOLTAGE) AND 32" FOR SECONDARY AND WIDTH (W) IS A MINIMUM OF 12".
- 2) DEPTHS SPECIFIED ARE TO FINISHED GRADE.
- 3) SAND BEDDING IS NOT PART OF THESE UNITS AND WILL BE SPECIFIED AS NEEDED.
- 4) BACKFILLING IS PART OF ALL TRENCHING UNITS INCLUDING JOINT-USE TRENCHES.
- 5) AREA DISTURBED BY TRENCHING SHALL BE LANDSCAPED TO PRE-EXISTING CONDITION.
- 6) OTHER UTILITIES MAY REQUIRE DIFFERENT TRENCH DEPTHS AND SPACING. COORDINATE WITH THE OTHER UTILITIES FOR THEIR REQUIREMENTS.
- 9) JPUD TO INSPECT TRENCH AND CONDUIT PRIOR TO BACKFILL.



UR2-2 (D x W)
TRENCHING UNIT
POWER AND COMMUNICATION CONDUIT
(OPTIONAL CONDUIT LAYOUT)

TRENCH DETAIL FOR CONDUIT(S)

OPERATIONS SUPERINTENDENT: KEVIN STREETT

SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JIMMY SCARBOROUGH

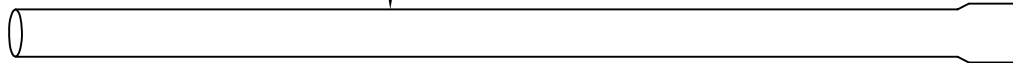
REVISION: 02 | DATE: 08/29/18 | DRAFTED BY: JRS

DRAWING

UR2



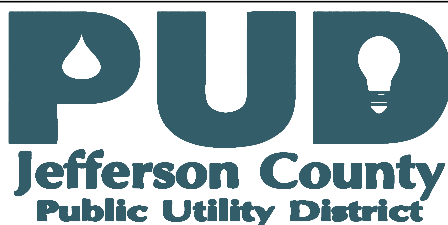
DEPTH AS SPECIED PER TRENCH REQUIREMENTS



| CONDUIT REQUIREMENTS | | | |
|--------------------------------------|--------------------|------------------------|-------------------------|
| INSTALLATION TYPE | CONDUIT TYPE/SIZE | NUMBER OF CONDUITS/RUN | COMMENTS |
| 1-PH PRIMARY U/G | 3" SCH 40 PVC | 1 | |
| 3-PH PRIMARY U/G | 4" SCH 40 PVC | 3 | |
| 1-PH U/G SECONDARY 200/320A SERVICES | 3" SCH 40 PVC | 1 | |
| 1-PH U/G SERVICE 400A AND GREATER | MIN. 4" SCH 40 PVC | | ONE (1) CONDUIT PER RUN |
| 3-PH U/G SERVICES | MIN. 4" SCH 40 PVC | | ONE (1) CONDUIT PER RUN |

NOTES:

1. NEW SERVICES REQUIRE A CONTINUOUS RUN OF CONDUIT FROM THE METER/MAIN TO THE JPUD PAD MOUNTED TRANSFORMER, SECONDARY PEDESTAL OR POLE.
2. BURIED CONDUIT SHALL BE GRAY, UL LISTED, ELECTRICAL GRADE, SCHEDULE 40 (MINIMUM), PVC.
3. NO MORE THAN 360 DEGREE BENDS IN THE CONDUIT RUN. THIS TOTAL INCLUDES THE ELBOWS INTO EQUIPMENT PADS AND POLES.
4. CONDUIT TO BE JOINED WITH BELL ENDS OR COUPLERS AND SECURED WITH PVC CEMENT.



CONDUIT GUIDE

OPERATIONS SUPERINTENDENT: KEVIN STREETT

SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

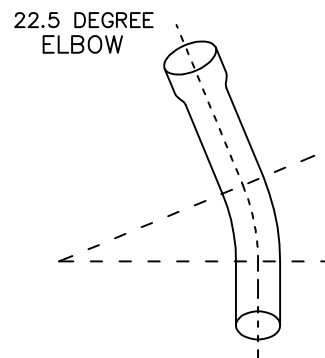
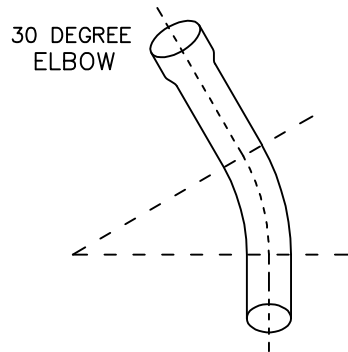
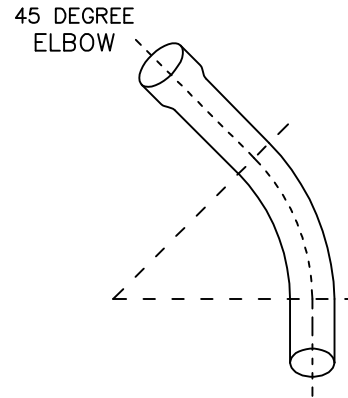
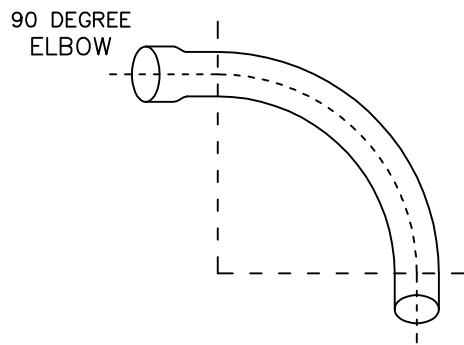
STANDARDS ENGINEER: JIMMY SCARBOROUGH

REVISION: 01 | DATE: 05/08/18 | DRAFTED BY: JRS

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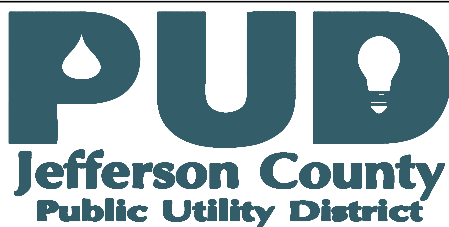
CONDUIT

| ELBOW SIZES | |
|--------------|---------------------|
| CONDUIT SIZE | MINIMUM BEND RADIUS |
| 3" | 36" |
| 4" | 48" |
| 6" | 60" |



NOTES:

- 1) USE CHART FOR MINIMUM BEND RADIUS
- 2) CUSTOMERS MAY USE HEATED BENDS UP TO 22 DEGREES, AFTER THAT FACTORY BENDS SHALL BE USED.
- 3) CUSTOMER MAY USE FIBERGLASS ELBOWS INSTEAD OF PVC.



CONDUIT ELBOW GUIDE

OPERATIONS SUPERINTENDENT: KEVIN STREETT

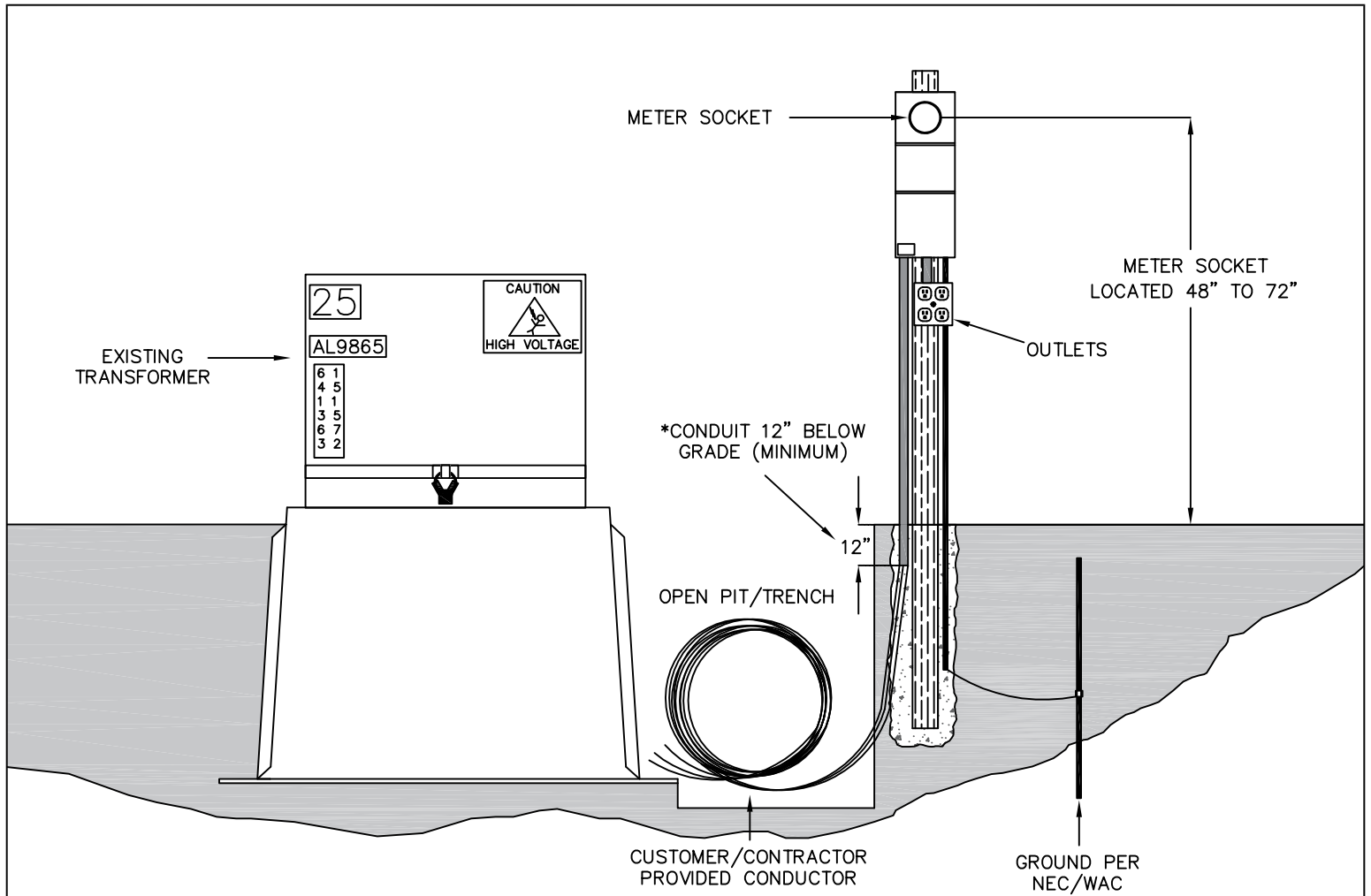
SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JACOB MEDLEY

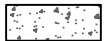
REVISION: DATE: 5/31/18 DRAFTED BY: JMM

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**CONDUIT
ELBOW**



LEGEND



COMPACT FILL

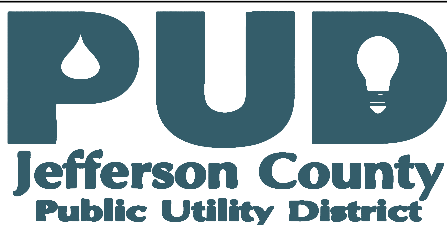


UNDISTURBED EARTH

NOTES:

- 1) LOCATION PRE-APPROVAL BY JPUD ENGINEER REQUIRED.
- 2) TEMPORARY METER BASES SHALL HAVE A MINIMUM TOTAL OF 60 AMP BREAKER(S).
- 3) ALL METER LOCATIONS SHALL BE GROUNDED BY NEC/WAC REQUIREMENTS.
- 4) CUSTOMER SHALL PROVIDE ALL CONDUCTOR REQUIRED FOR TEMPORARY SERVICE, LEAVING A 10' COIL NEXT TO THE TRANSFORMER OR SECONDARY SOURCE (I.E. HAND-HOLE).
- 5) CUSTOMER SHALL EXPOSE THE BASE OF THE TRANSFORMER/Vault WHILE BEING MINIMUM 32" DEEP.
- 6) ALL METERED LOCATIONS SHALL BE INSPECTED AND APPROVED BY L&I BEFORE JPUD WILL INSTALL SERVICE.

*CONDUCTOR SHALL BE IN CONDUIT FROM THE METER BASE TO 12" BELOW GRADE (MINIMUM).



TEMPORARY METER BASE (UNDERGROUND SERVICE)

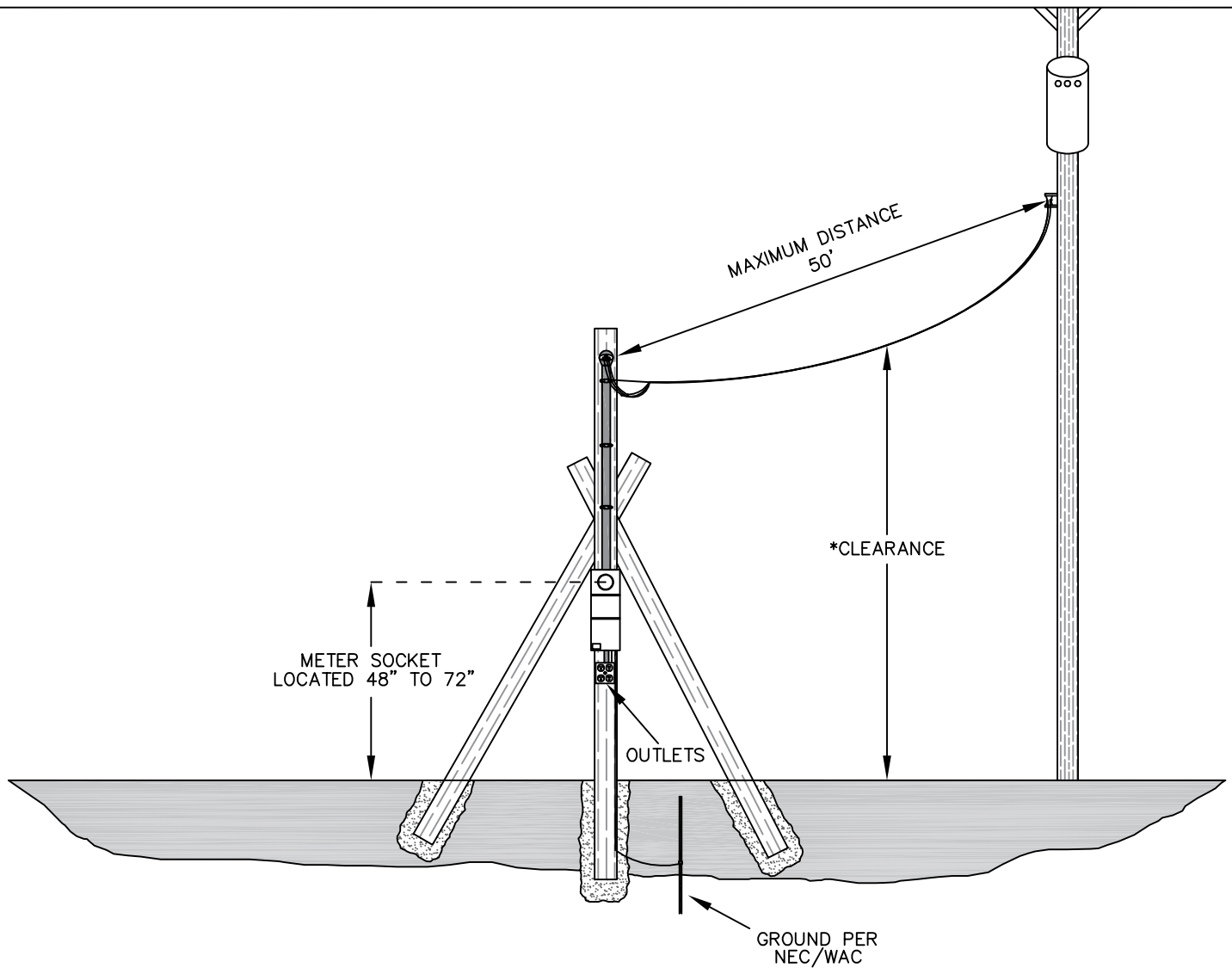
OPERATIONS SUPERINTENDENT: KEVIN STREETT

SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JACOB MEDLEY

REVISION: DATE: 5/31/18 DRAFTED BY: JMM

DRAWING



LEGEND



COMPACT FILL



UNDISTURBED EARTH

NOTES:

- 1) LOCATION PRE-APPROVAL BY JPUD ENGINEER REQUIRED.
- 2) METER BASES SHALL BE SUPPORTED AWAY FROM THE OVERHEAD TRANSFORMER.
- 3) TEMPORARY METER BASES SHALL HAVE A MINIMUM TOTAL OF 60 AMP BREAKER(S).
- 4) ALL METERED LOCATIONS SHALL BE GROUNDED BY NEC/WAC REQUIREMENTS.
- 5) ALL METERED LOCATIONS SHALL BE INSPECTED AND APPROVED BY L&I BEFORE JPUD WILL INSTALL SERVICE.

*CLEARANCES ARE AS FOLLOWS:

- 16' ABOVE STREETS, DRIVEWAYS, ALLEYS, AND PARKING LOTS, COMMERCIAL SITES, AND LAND WHERE EQUIPMENT MAY BE TRAVERSED.
- 12' ABOVE SPACES SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY.

TEMPORARY OVERHEAD SERVICE

OPERATIONS SUPERINTENDENT: KEVIN STREETT

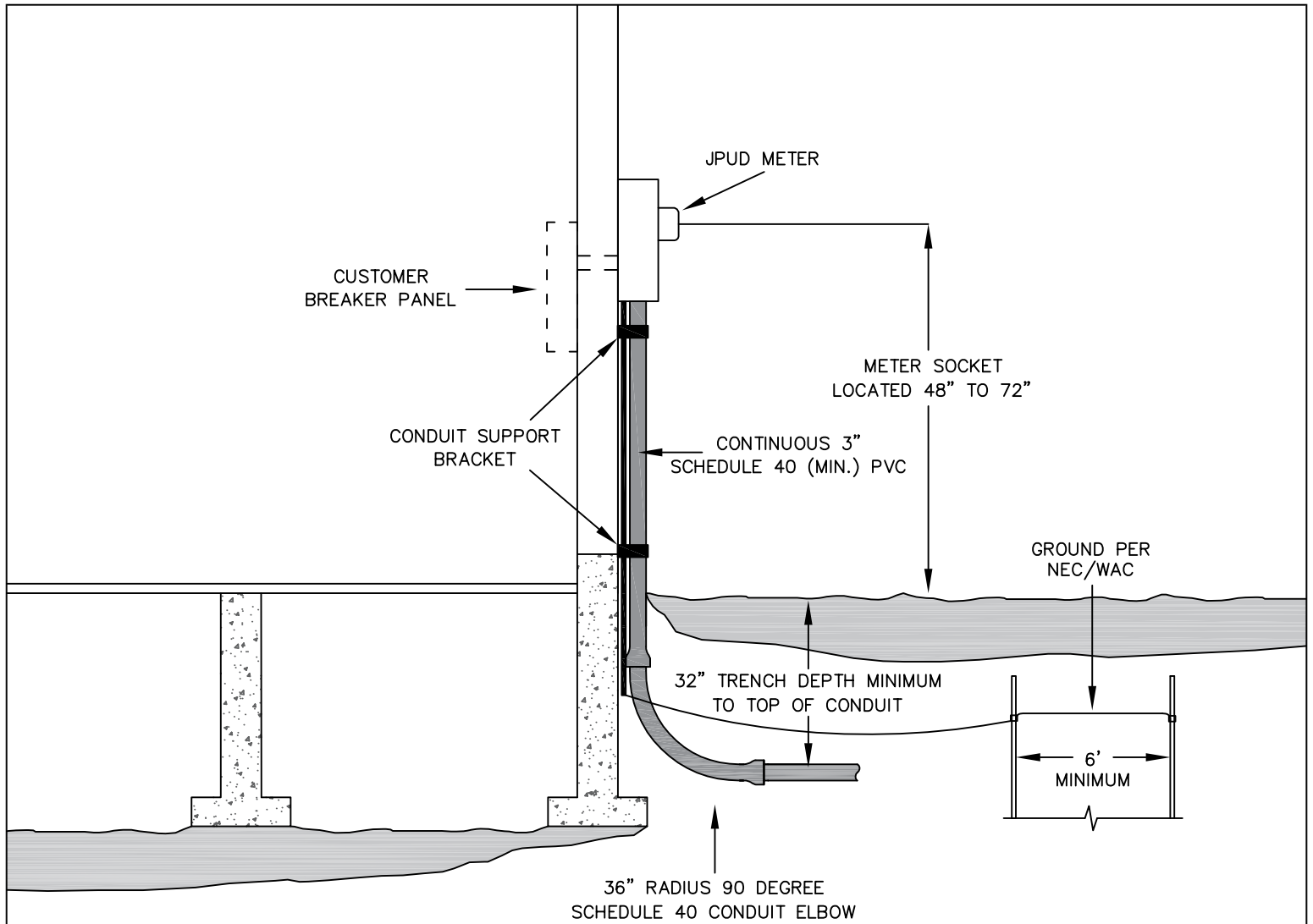
SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JACOB MEDLEY

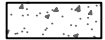

REVISION: DATE: 5/31/18 DRAFTED BY: JMM

DRAWING

**TEMP
O/H**

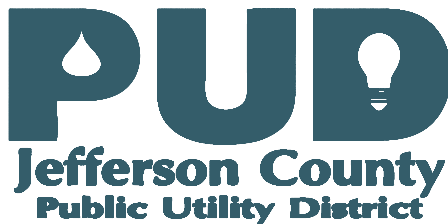


LEGEND

| | |
|--|-------------------|
|  | HOME FOUNDATION |
|  | UNDISTURBED EARTH |

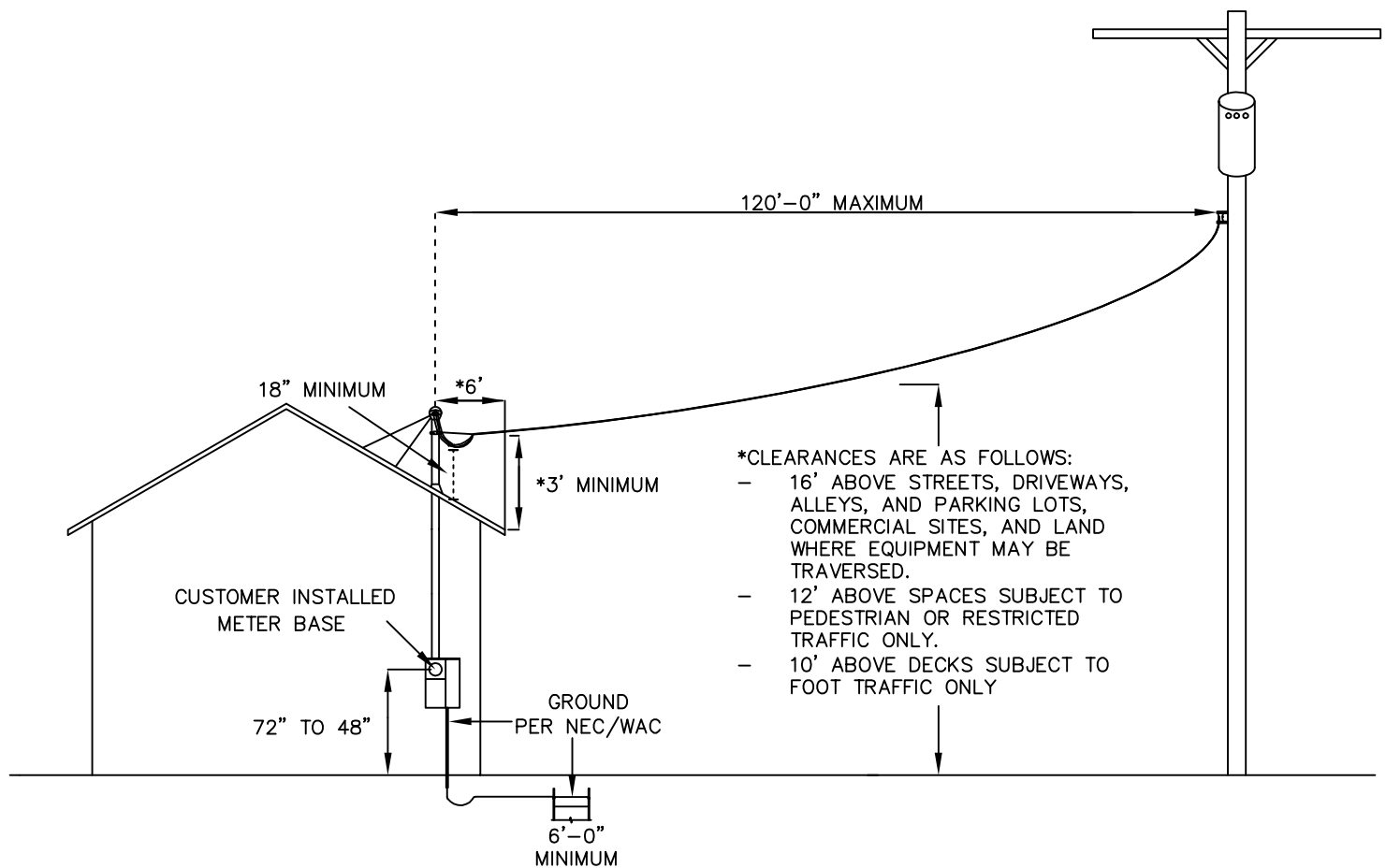
NOTES:

- 1) LOCATION PRE-APPROVAL BY JPUD ENGINEER REQUIRED.
- 2) METER BASES SHALL HAVE A METER MAIN DISCONNECT.
- 3) ALL METERED LOCATIONS SHALL BE GROUNDED PER NEC/WAC REQUIREMENTS.
- 4) ALL CONDUIT SHALL BE CONTINUOUS THREE (3) INCH SCHEDULE 40 (MIN.) PVC (SEE CONDUIT SPECS).
- 5) ALL METERED LOCATIONS SHALL BE INSPECTED AND APPROVED BY L&I BEFORE JPUD WILL INSTALL SERVICE.



METER ON HOUSE (SURFACE MOUNTED) 200/320A SERVICE

| | | | |
|---|---------------|-----------------|---------|
| OPERATIONS SUPERINTENDENT: KEVIN STREETT | | | DRAWING |
| SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH | | | |
| STANDARDS ENGINEER: JACOB MEDLEY | | | |
| REVISION: | DATE: 5/31/18 | DRAFTED BY: JMM | |



NOTES:

- 1) MAXIMUM SPAN DISTANCE OF 120' UNLESS APPROVED BY JPUD ENGINEER.
 - 2) AN 18" TAIL SHALL BE LEFT OUT OF WEATHER-HEAD FOR PUD TO ATTACH SERVICE LINE TO.
- * AT 6' FROM THE WEATHER-HEAD, A MINIMUM OF 3' OF CLEARANCE SHALL BE PRESENT BETWEEN THE SERVICE LINE AND ROOF.

**OVERHEAD SERVICE DROP
(WEATHER-HEAD ABOVE ROOF)**

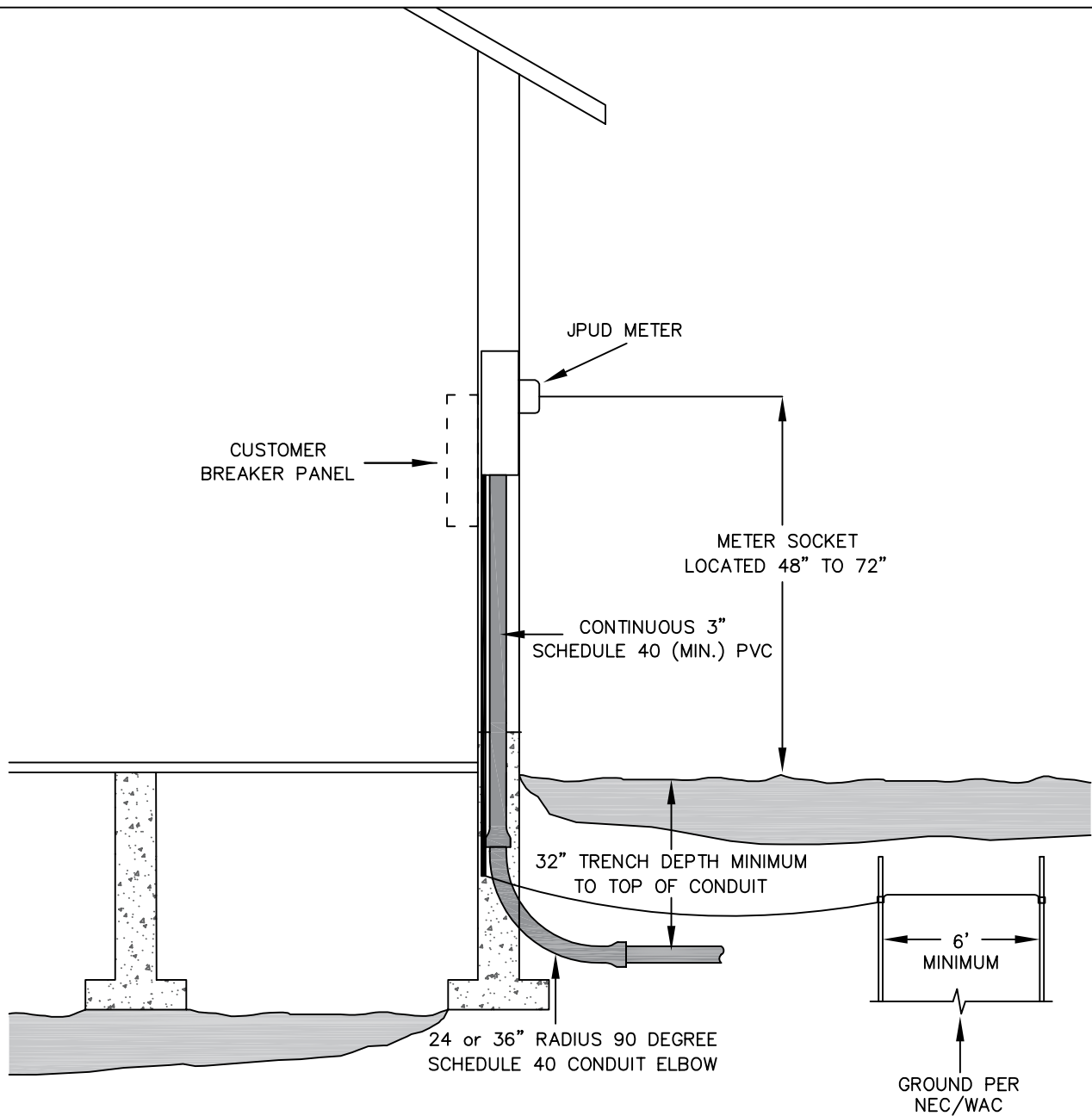
OPERATIONS SUPERINTENDENT: KEVIN STREETT

SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

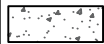
STANDARDS ENGINEER: JACOB MEDLEY

REVISION: DATE: 5/31/18 DRAFTED BY: JMM

DRAWING



LEGEND



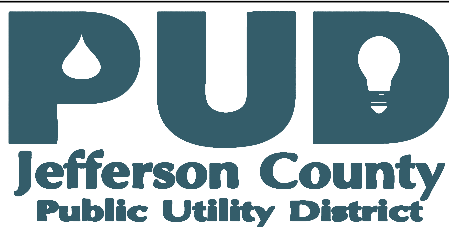
HOME FOUNDATION



UNDISTURBED EARTH

NOTES:

- 1) LOCATION PRE-APPROVAL BY JPUD ENGINEER REQUIRED.
- 2) METER BASES SHALL HAVE A MAIN DISCONNECT.
- 3) ALL METER/MAIN LOCATIONS SHALL BE GROUNDED PER NEC/WAC REQUIREMENTS.
- 4) ALL CONDUIT SHALL BE CONTINUOUS THREE (3) INCH SCHEDULE 40 (MIN.) PVC (SEE CONDUIT SPECS).
- 5) ALL METER/MAIN LOCATIONS SHALL BE INSPECTED AND APPROVED BY L&I BEFORE JPUD WILL INSTALL SERVICE. IT IS THE CUSTOMER'S RESPONSIBILITY TO NOTIFY JPUD OF COMPLETED L&I INSPECTION.



METER/MAIN ON HOUSE (FLUSH MOUNTED)

OPERATIONS SUPERINTENDENT: KEVIN STREETT

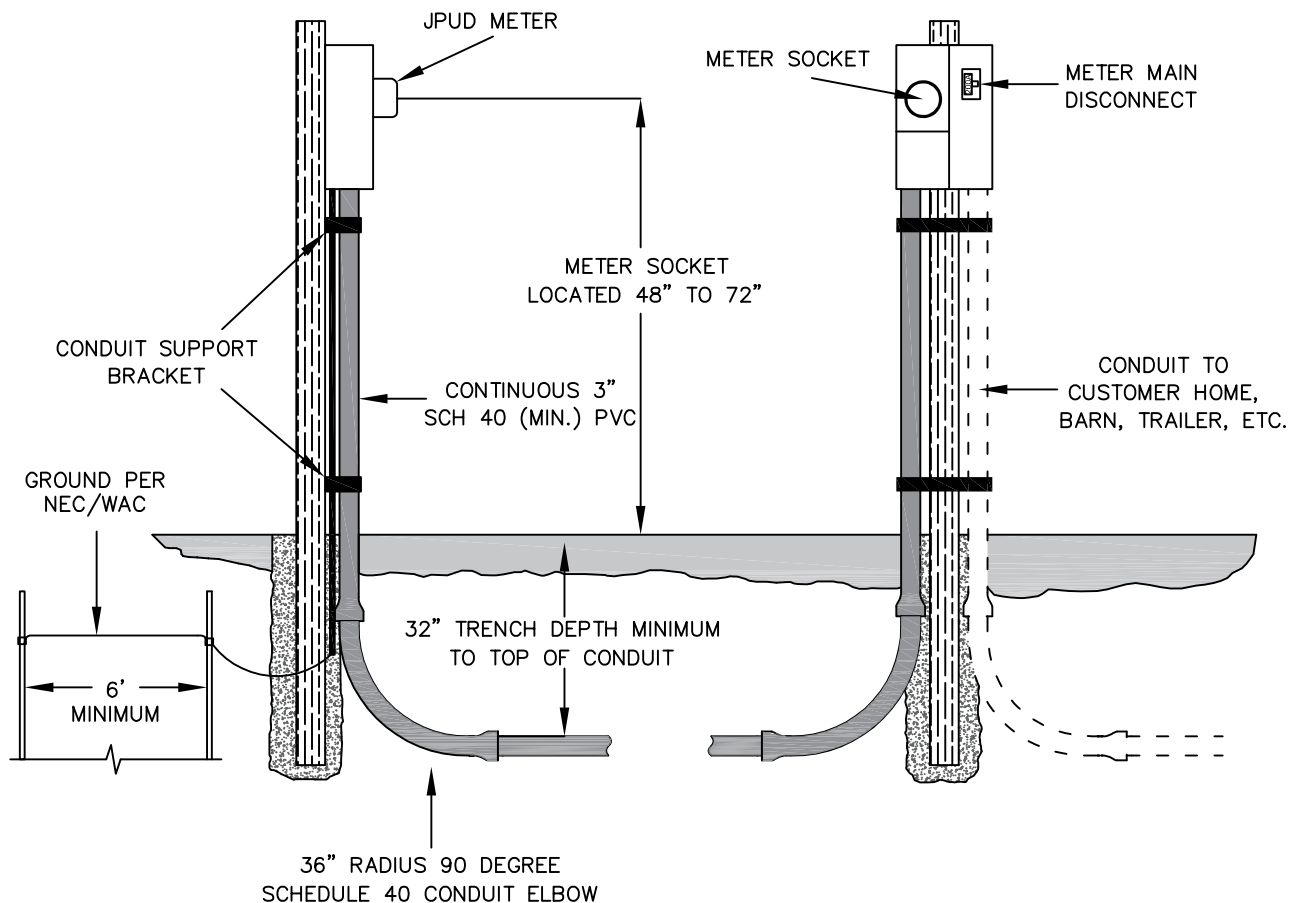
SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JACOB MEDLEY

REVISION: DATE: 5/31/18 DRAFTED BY: JMM

DRAWING

**MOH
FLUSH**



LEGEND



CONCRETE OR COMPACTED GRAVEL



UNDISTURBED EARTH

NOTES:

- 1) WOODEN SUPPORT POSTS SHALL BE PRESSURE TREATED (MINIMUM SIZE 4"x6").
- 2) LOCATION PRE-APPROVAL BY JPUD ENGINEER REQUIRED.
- 3) METER BASES SHALL HAVE A METER MAIN DISCONNECT.
- 4) ALL METERED LOCATIONS SHALL BE GROUNDED PRE NEC/WAC REQUIREMENTS.
- 5) ALL CONDUIT SHALL BE CONTINUOUS THREE (3) INCH SCHEDULE 40 (MIN.) PVC (SEE CONDUIT SPECS).
- 6) ALL METERED LOCATIONS SHALL BE INSPECTED AND APPROVED BY L&I BEFORE JPUD WILL INSTALL SERVICE.

REMOTE METER BASE (WOOD BUILD)

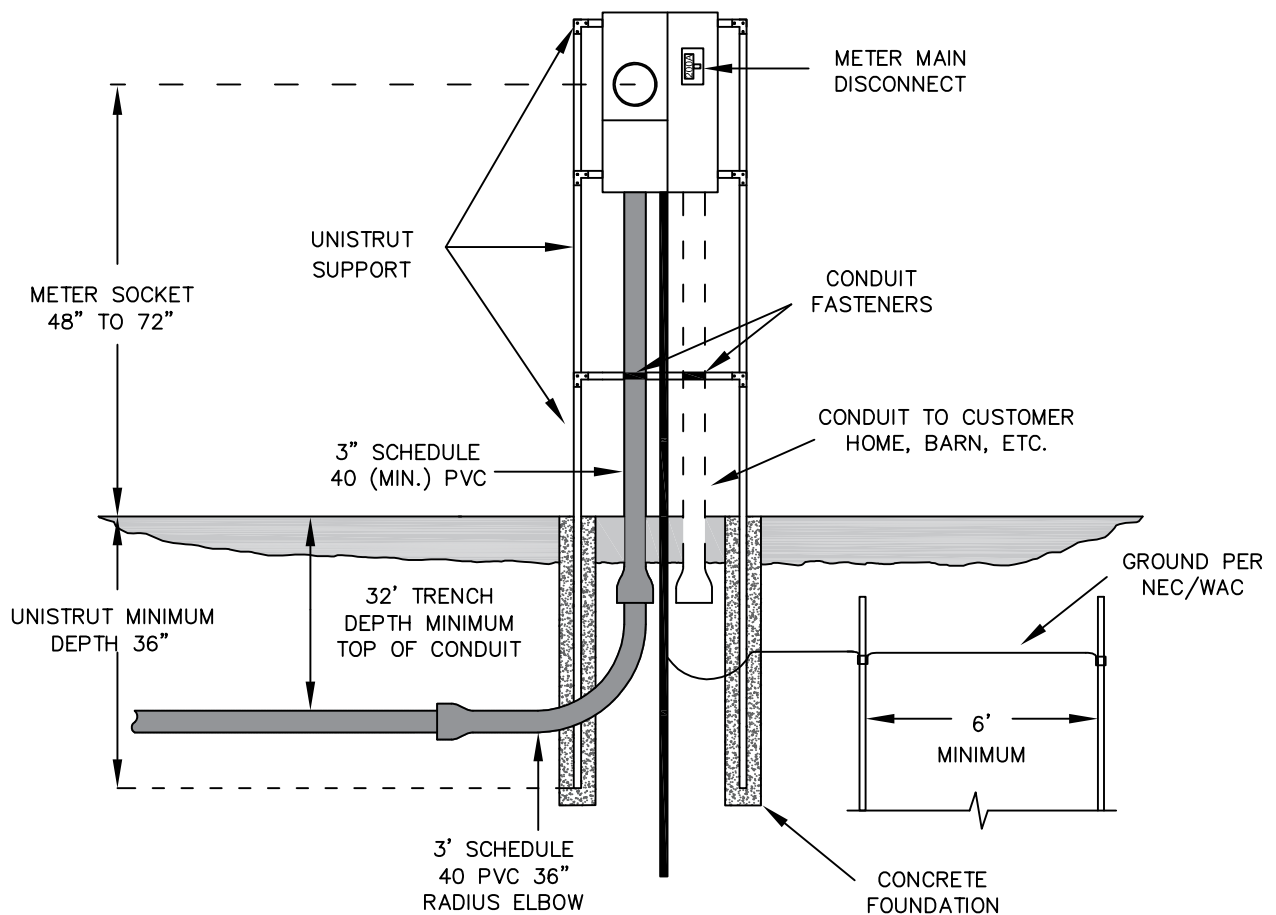
OPERATIONS SUPERINTENDENT: KEVIN STREETT

SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JACOB MEDLEY

REVISION: DATE: 5/31/18 DRAFTED BY: JMM

DRAWING



LEGEND



CONCRETE



UNDISTURBED EARTH

NOTES:

- 1) UNISTRUT SUPPORT SHALL BE BURIED A MINIMUM OF 36" AND SET IN CONCRETE.
- 2) METER LOCATION PRE-APPROVAL REQUIRED BY JPUD ENGINEER.
- 3) METER BASES SHALL HAVE A METER MAIN DISCONNECT.
- 4) ALL METER LOCATIONS SHALL BE GROUNDED PER NEC/WAC REQUIREMENTS.
- 5) ALL CONDUIT SHALL BE CONTINUOUS THREE (3) INCH SCHEDULE 40 (MIN.) PVC (SEE CONDUIT SPECS).
- 6) ALL METERED LOCATIONS SHALL BE INSPECTED AND APPROVED BY L&I BEFORE JPUD WILL INSTALL SERVICE.

REMOTE METER BASE (UNISTRUT BUILD)

OPERATIONS SUPERINTENDENT: KEVIN STREETT

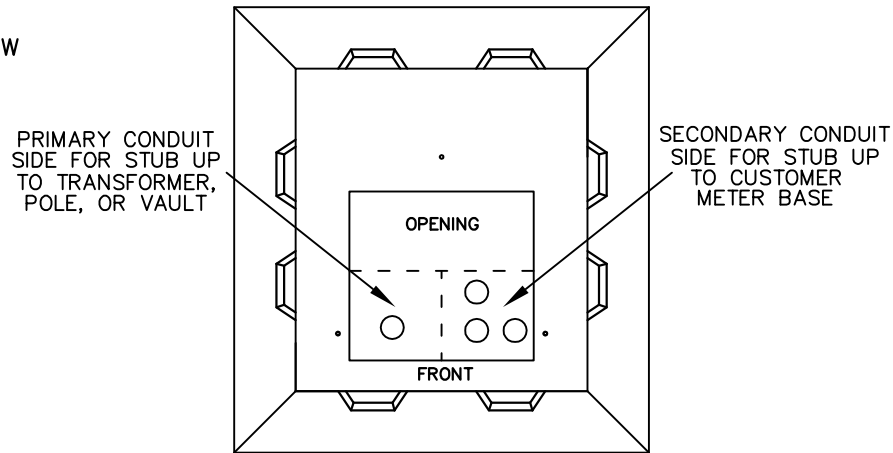
SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JACOB MEDLEY

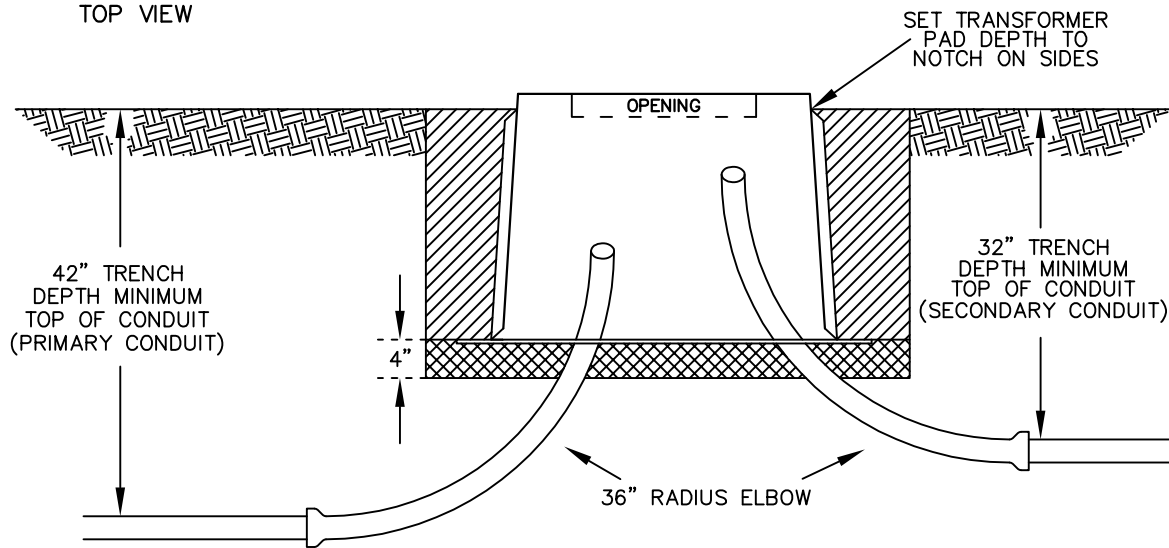
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DRAWING

FRONT VIEW



TOP VIEW



LEGEND



SAND OR CLEAN SOIL



COMPACTED BACKFILL UNLESS OTHERWISE SPECIFIED



UNDISTURBED EARTH

NOTES:

- 1) TRANSFORMER PADS SHALL BE PICKED UP AT JPUD (310 FOUR CORNERS RD, PORT TOWNSEND, WA 98368), AND SET BY THE CUSTOMER/CONTRACTOR TO PUD STANDARDS.
- 2) ALL ELBOWS SHALL BE WHOLE AND BE INSIDE THE OPENING OF THE TRANSFORMER AS SHOW ABOVE.
- 3) SAND OR CLEAN GRAVEL SHALL BE USED AS A LEVEL BASE FOR ALL TRANSFORMER PADS.
- 4) PAD SHALL BE SET LEVEL WITH THE FRONT SQUARE TO DRIVE/ROAD UNLESS SPECIFIED OTHERWISE BY JPUD ENGINEER TO ALLOW EASY ACCESS TO FRONT OF TRANSFORMER.

**TRANSFORMER STUB-IN
(NON-ENERGIZED)**

OPERATIONS SUPERINTENDENT: KEVIN STREETT

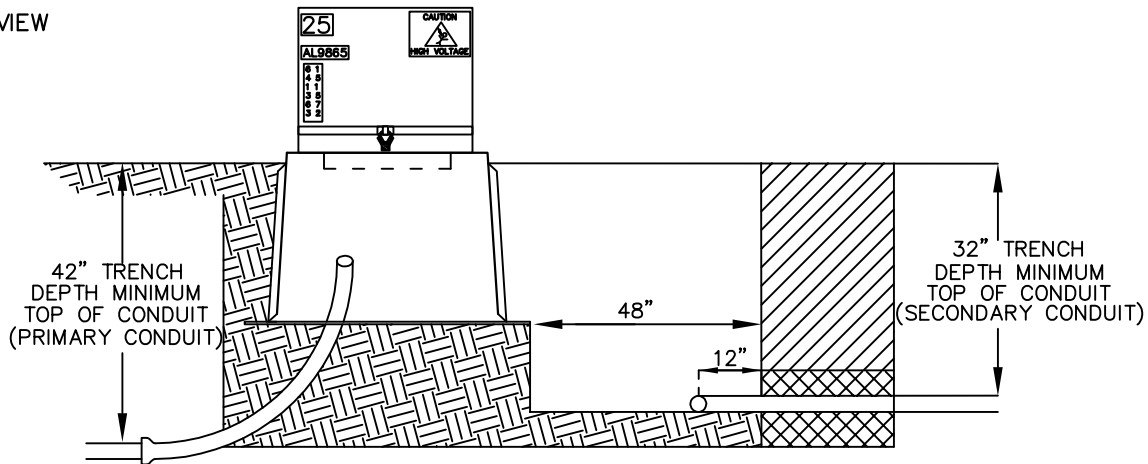
SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JACOB MEDLEY

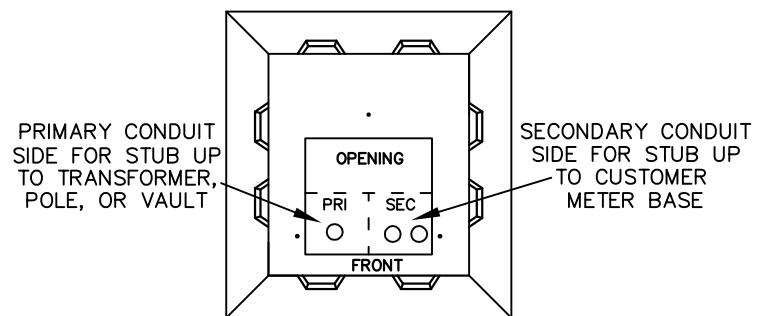
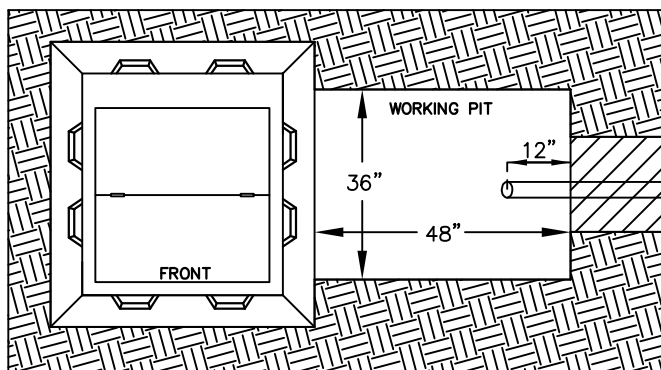
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DRAWING

FRONT VIEW



TOP VIEW

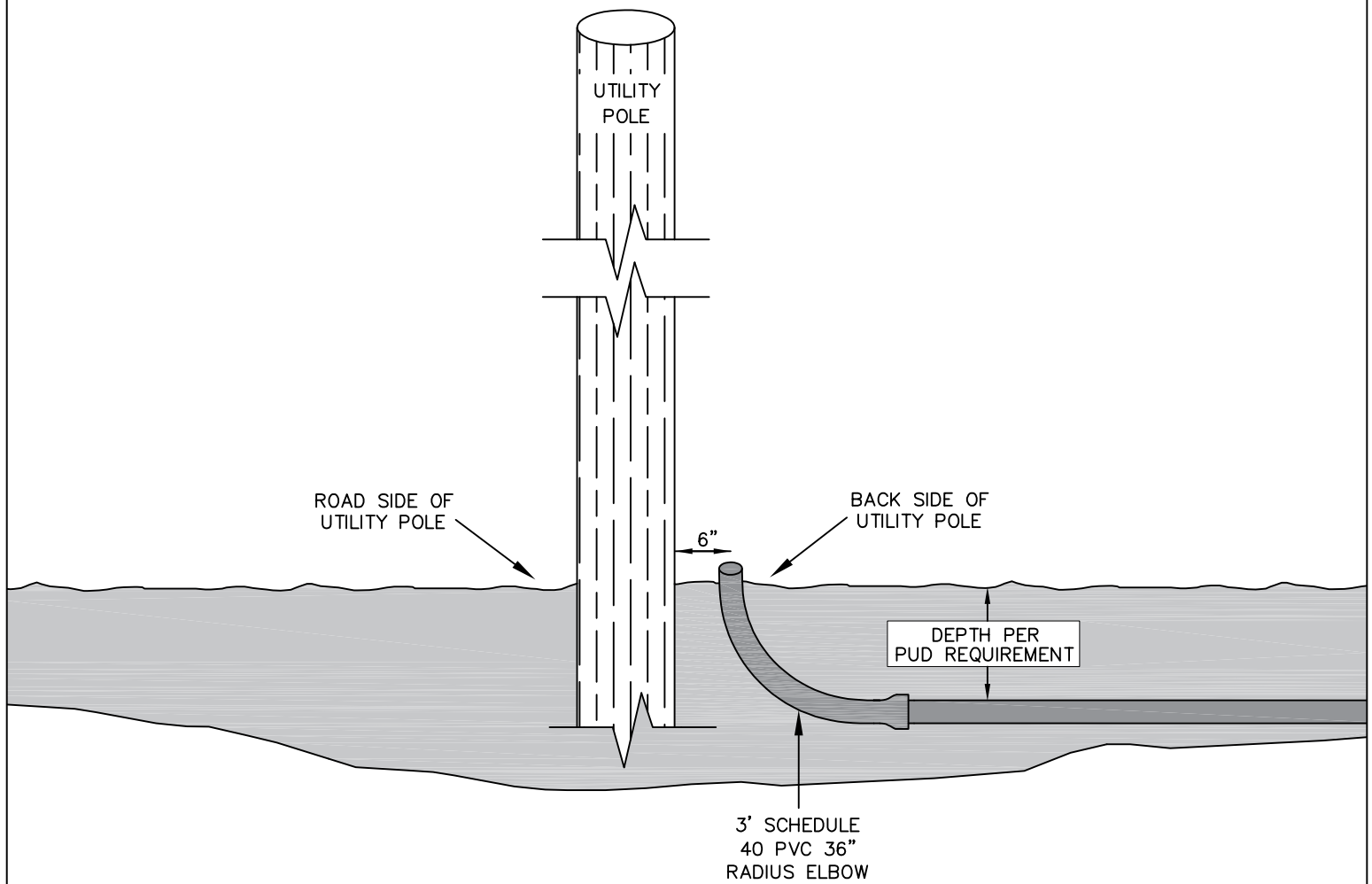


LEGEND

| | |
|--|---|
| | SAND OR CLEAN SOIL |
| | COMPACTED BACKFILL UNLESS OTHERWISE SPECIFIED |
| | UNDISTURBED EARTH |

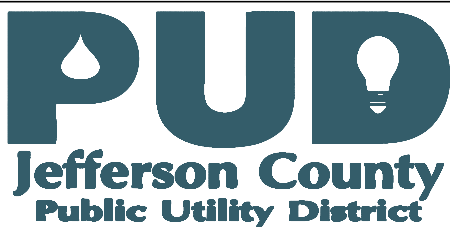
NOTES:

- 1) CUSTOMER/CONTRACTOR SHALL NEVER ENTER AN ENERGIZED VAULT. CONTACT JPUD FOR ASSISTANCE WITH STUB-IN.
- 2) THE CUSTOMER/CONTRACTOR SHALL OPEN UP A WORKING AREA AROUND THE EXISTING TRANSFORMER MEASURING 36" BY 48"
- 3) THE APPROACH SHALL BE STRAIGHT THE LAST 48" NOT ENTERING THE TRANSFORMER AT AN ANGLE.
- 4) WHEN DIGGING UP TO THE TRANSFORMER THE HOLE SHALL EXPOSE PAST THE BOTTOM OF THE VAULT WHILE STILL MEETING MINIMUM TRENCH DEPTH REQUIREMENTS (REFER TO TRENCH REQUIREMENTS).
- 5) THE CUSTOMER/CONTRACTOR SHALL LEAVE AN EXTRA PIECE OF CONDUIT AND AN ELBOW LAYING NEXT TO THE TRANSFORMER FOR JPUD TO INSTALL INTO THE TRANSFORMER.



NOTES:

1. IF AN EXISTING STANDOFF/RISER IS ON THE POLE, CONSULT A JPUD ENGINEER FOR LOCATION OF FUTURE STUB UP.
2. CUSTOMER SHALL INSTALL ELBOW 6" FROM THE UTILITY POLE ON THE BACK SIDE OF THE POLE TO THE ROAD.
3. THE CUSTOMER SHALL END THE CONDUIT SWEEP 3" ABOVE FINAL GRADE.
4. THE ELBOW USED TO STUB UP THE POLE SHALL BE A FULL 36" RADIUS 90 DEGREE ELBOW.



POLE STUB-UP

OPERATIONS SUPERINTENDENT: KEVIN STREETT

SR ELECTRICAL ENGINEER: JIMMY SCARBOROUGH

STANDARDS ENGINEER: JACOB MEDLEY

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