



Graham County Electric Cooperative. Inc.


9 West Center St.

PO Drawer B

Pima, AZ 85543

Phone (928) 485-2451

Fax (928) 485-9491

Your Touchstone Energy® Cooperative 

"We are committed to provide safe, reliable and efficient resources to enhance the lives of our members and the communities we serve."

NEW SERVICE DESIGN PACKET

PLEASE FILL OUT COMPLETELY
& RETURN TO GCEC

UNCOMPLETED SERVICE PACKETS
WILL NOT BE ACCEPTED





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GCEC New Service Design Packet

GRAHAM COUNTY ELECTRIC COOPERATIVE, INC. (hereinafter referred to as the ('Cooperative') and the undersigned party (hereinafter referred to the ('Member') hereby mutually agree as follows:

1. I hereby request electric and or water service be provided to the property described on page one of the 'New Service Design Requirements Form' found in this packet.
2. I have read and understand that the New Service Step by Step guide is a reference document explaining the typical work order process. **I Understand the Step by Step Guide is not a guarantee as to the schedule, timeframes, or course of progress on my work order, as there are a variety of factors beyond the Cooperatives' control that may exist.**
3. I agree that GCEC reserves the right to adjust cost estimates as needed to reflect the actual cost of doing business, and to bill an applicant for any additional anticipated or unanticipated costs within six months after the work is completed. Cost estimate increases are due to the inflationary nature of costs for labor and materials. I also agree that due to difficulties and other challenging factors that are not always controlled by GCEC, significant delays may impact the time a job is designed and when it is released for construction, resulting in higher costs during the work order process.
4. I hereby agree that the total cost for my property will be billed to me as a non-refundable contribution in aid of construction charge that must be paid prior to any construction by the Cooperative. I also understand I must meet the permanency requirements as filed with the Arizona Corporation Commission (ACC).
5. I agree to pay a monthly minimum cost per meter at the appropriate rate as defined by GCEC Tariffs which are approved by the ACC.
6. I understand that a 'per-hour' re-staking charge may be billed to me if I request a location or design change after the initial design and field staking has been completed.
7. I hereby agree at no cost or expense to the Cooperative to grant, give or transfer, assign, provide and/or otherwise donate all necessary and appropriate right-of-way easements as may be requested by the Cooperative over and across any portion of my real property as the Cooperative, in its sole discretion, may deem necessary to properly construct the subject electric or water lines. I further agree to provide, permit, and allow the

Cooperative all ingress and egress for construction, operation, and future maintenance purposes.

8. At no cost or expense to the Cooperative, I hereby agree to acquire, provide, purchase or otherwise legally obtain from any third party, member or non member, entity or person the necessary and appropriate right-of-way easements required by the Cooperative in order to properly construct the subject electric or water lines, and to further acquire, provide, allow or otherwise obtain from such third party or parties any and all ingress and egress for construction, operation and future maintenance purposes.
9. I agree to provide all permitting, trenching, backfilling, compaction, and concrete work for underground installations. I also agree to provide and install, to the Cooperatives specifications, any conduit that may be required by the Cooperative to complete the line extension project.
10. I understand the Cooperative will schedule the line extension so that electric service is available in a prompt and workmanlike manner. I understand that many steps are necessary, and the Cooperative cannot guarantee completion by a particular date. However, engineering and construction of my job will proceed as expeditiously as is reasonably possible after I have provided the necessary information requested by the Cooperative.

11. UTILITY EASEMENT VERIFICATION REQUIREMENT

All members, and or contractors are required to independently verify the size, type and exact location of all existing utility easements prior to the installation of any conduit, equipment, or water line to be served by the Cooperative. Reliance on plans, drawings or prior information does not relieve this obligation. Any discrepancies, conflicts, or uncertainties shall be reported and resolved prior to construction. Failure to comply with this requirement may result in delays, corrective action, or liability for resultant damages.

12. I fully understand and agree to the terms and conditions outlined in this document. I hereby agree to pay a non-refundable design fee of \$150, for preliminary design services.

Applicant

Signature

Date:

Applicant

Print Name

Date:



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NEW SERVICE
DESIGN REQUIREMENTS

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PROPERTY OWNER: OTHER: DATE:

MEMBER INFORMATION

NAME OF APPLICANT, GCEC MEMBER (YES/NO), GCEC MEMBER ACCOUNT #, BILLING / MAILING ADDRESS, CITY, STATE ZIP, APPLICANT EMAIL ADDRESS, PRIMARY PHONE NUMBER

LOCATION OF SERVICE

ADDRESS OF SERVICE, PARCEL #, BUILDING PERMIT NUMBER, ANTICIPATED DATE FOR PERMANENT SERVICE

SERVICE INFORMATION

TYPE OF SERVICE (SINGLE/THREE PHASE, OVERHEAD/UNDERGROUND, WATER), DURATION OF SERVICE (TEMPORARY/PERMANENT), SERVICE WILL BE TO (SITE BUILT HOME, MOBILE / MANUFACTURED HOME, RV / 5TH WHEEL, GARAGE, SHOP OR BARN, BUSINESS, SECURITY LIGHT, WELL), SIZE OF SERVICE - ELECTRIC (100 AMP, 200 AMP, 320 AMP, OTHER), WATER SERVICE SIZE (3/4", 1", 1-1/2", 2", 3", 4", 6" OR LARGER), HP OF PUMP MOTOR, VOLTAGE OF PUMP MOTOR

COMMERCIAL SERVICE REQUIREMENTS

ALL COMMERCIAL PROJECTS SHALL SUBMIT FULL ELECTRICAL LOAD PLANS TO INCLUDE ALL SERVICE ENTRANCE SIZES AND EQUIPMENT CUT SHEETS AS WELL AS A DETAILED SITE PLAN SHOWING PROPOSED UTILITY ALIGNMENTS AND LOCATIONS. ALL PLANS SHALL BE SUBMITTED AND REVIEWED BY GCEC FOR COMPLIANCE AND APPROVAL PRIOR TO APPLICANT PURCHASING SERVICE ENTRANCE EQUIPMENT.

SUBDIVISION / MULTIPLE LOT REQUIREMENTS

ALL SUBDIVISIONS AND OR LAND SPLITS COMPRISING OF THREE OR MORE LOTS SHALL SUBMIT A RECORDED SURVEY SHOWING ALL LOT SIZES AND DIMENSIONS AND SHALL INCLUDE A UTILITY EASEMENT OF A MIN WIDTH OF 15 FEET FOR UTILITY DESIGN.


AGREEMENT TO ACCEPT SERVICE

I HEREBY APPLY FOR ELECTRICAL / WATER SERVICE AT THE ABOVE LOCATION. I UNDERSTAND THAT GCEC WILL MAKE SERVICE AVAILABLE UPON COMPLETION OF ENGINEERING DETAILS, ANY CONTRACTUAL AGREEMENTS BETWEEN PARTIES, CONSTRUCTION OF FACILITIES REQUIRED TO PROVIDE SERVICE AND SUBJECT TO THE COOPERATIVE'S POLICIES AND CHARGES.

SIGNATURE DATE

COMMENTS, DESIGN FEE AMOUNT \$150.00, PAYMENT REQUIRED WITH APPLICATION. FEE IS NON REFUNDABLE AND REQUIRED FOR NEW UTILITY ESTIMATE



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NEW SERVICE PLOT PLAN

PLEASE ENTER THE FOLLOWING INFORMATION:

1. PROPERTY BOUNDARY DIMENSIONS, DIMENSIONS OF ALL EXISTING AND PROPOSED STRUCTURES, AND DISTANCES BETWEEN ALL BUILDINGS.
2. LOCATION OF PUBLIC UTILITY EASEMENTS.
3. LOCATION OF SEPTIC TANKS AND LEACH FIELDS.
4. LOCATION OF PROPOSED SERVICE ENTRANCE.

REAR LOT LINE



LEFT LOT LINE

RIGHT LOT LINE

FRONT LOT LINE

STREET NAME

INDICATE NORTH



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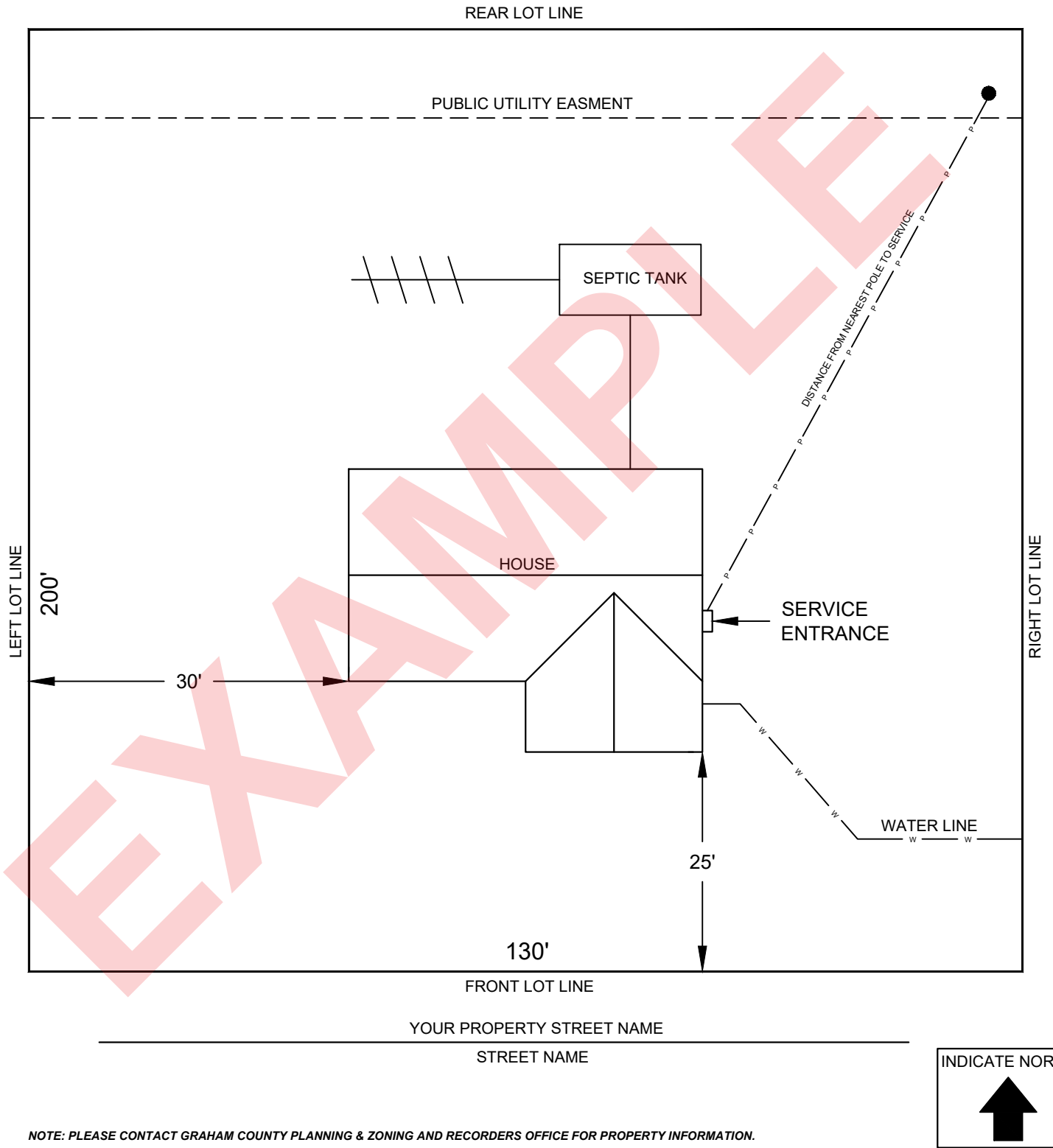
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NEW SERVICE PLOT PLAN EXAMPLE

PLEASE ENTER THE FOLLOWING INFORMATION:

1. PROPERTY BOUNDARY DIMENSIONS, DIMENSIONS OF ALL EXISTING AND PROPOSED STRUCTURES, AND DISTANCES BETWEEN ALL BUILDINGS.
2. LOCATION OF PUBLIC UTILITY EASEMENTS.
3. LOCATION OF SEPTIC TANKS AND LEACH FIELDS.
4. LOCATION OF PROPOSED SERVICE ENTRANCE.



NOTE: PLEASE CONTACT GRAHAM COUNTY PLANNING & ZONING AND RECORDERS OFFICE FOR PROPERTY INFORMATION.



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New Electric Service Inspection Checklist

The following items on this checklist must be completed prior to inspection and construction scheduling. Please refer to the details and specifications found in your new service design packet or the GCEC website for service entrance specifications.

OVERHEAD SERVICE

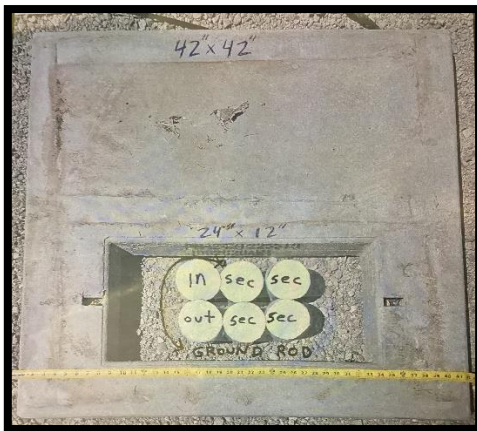
- Service entrance meter socket 5' - 6' above ground level.
- Service risers 24" – 30" above roof line. Over 30" requires bracing. 42" Max.
- Min 12' above ground to attachment point.
- Two 5/8" copper ground rods min 6 feet apart.

UNDERGROUND SERVICE

- All trenching to meet OSHA Standards. Primary trenching 4 feet deep. Secondary trenching 3 feet deep. Trench must be level and free of rocks and debris.
- All underground conduit to be 3" schedule 40 EPVC glued at each joint and fully seated into bell. All conduit must lay flat with no gaps between conduit and bottom of trench. Must use full sticks unless to make a sweep. No Couplers.
- 3" Schedule 80 EPVC to be used at all riser locations (e.g. poles and service entrances). All conduit to be stubbed up a min of 12" above grade at all proposed transformer, junction boxes, and pole locations.
- Conduit installed to existing pole needs to touch the pole and placed in such a way that conduit can continue up the pole free of obstructions.
- 36" sweeps required. Do not sweep conduit into existing transformers or switch cabinets without the help of a qualified GCEC employee.
- No more than 360 degrees of bends, maximum.

- Warning tape (solid aluminum foil core) to be installed half way between conduit and ground level.
- All conduit to be installed to service entrance and ground wire attached.
- Member required to install 3/16" minimum polypropylene pull line in all conduit.
- GCEC representative will make a site visit to inspect trenching, conduit and service entrance installations prior to work being scheduled. All trenches to remain open until inspection is completed. Inspections will occur during working hours only Mon – Thur 6:00am to 4:00pm

NOTE: If Member or Contractor requests an inspection and GCEC finds that work has not been done in accordance with the above written instructions, the member will incur additional charges and a follow up inspection will take place at GCEC convenience.



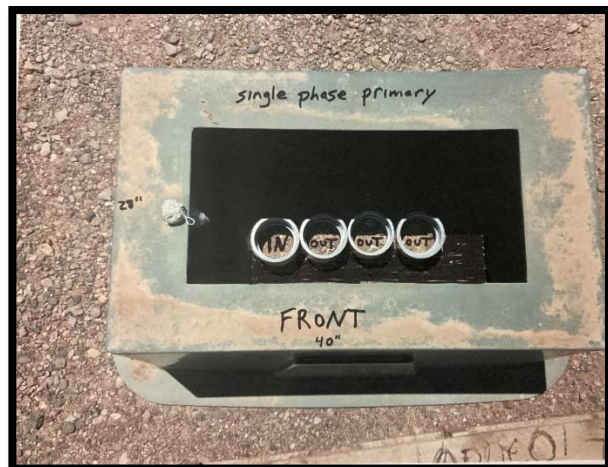
Typical transformer layout



Typical secondary tub layout



Conduit up pole



Switch Cabinet layout



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INFORMATION RESOURCES

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HELPFUL RESOURCES

GRAHAM COUNTY ELECTRIC CO-OP

www.gce.coop

GRAHAM COUNTY ASSESSORS OFFICE 928-428-2828

<https://www.graham.az.gov/163/Assessor>

GRAHAM COUNTY RECORDERS OFFICE 928-428-3560

<https://www.graham.az.gov/239/Recorder>

GRAHAM COUNTY PLANNING & ZONING 928-428-0410

<https://www.graham.az.gov/277/Planning-Zoning>

GRAHAM COUNTY PARCEL MAP

<https://grahamco.maps.arcgis.com>

GOOGLE MAPS

<https://www.google.com/maps>

BING MAPS

<https://www.bing.com/maps>



GRAHAM COUNTY ELECTRIC COOPERATIVE, INC.

UTILITY SERVICE & MEMBERSHIP APPLICATION PROCESS

STEP 1: Read “Membership Agreement” (below).

STEP 2: Complete and Sign “Utility Service Application & Membership Certificate” (below).

STEP 3: Attach a copy of a photo id such as a driver’s license for each applicant.

STEP 4: Attach a copy of the rental/lease or purchase agreement.

STEP 5: Submit application and other documents in person or electronically at www.gce.coop.

STEP 6: Co-op will run a credit check to determine deposit requirements and contact the applicant with results. (Green Light-deposit waived; Yellow Light-minimum deposit {Electric: \$300, Water: \$200, Pima Sewer: \$50}; Red Light-max deposit of 2x average bill or minimum deposit, whichever is greater.)

STEP 7: Pay any applicable fees including deposits and \$5 membership in advance. The following service connect charges will be added to your first utility bill: (Electric \$50 or \$100 for new construction, Water \$50). Additional fees may be required for after-hours service (after 4:30 pm). The total amount required and payment options will be discussed with Customer Service Department after the credit check process is complete.

STEP 8: Utility service will usually be connected the next business day after all fees have been paid. Normal business hours are Monday – Thursday (7:00 am – 5:30 pm) excluding holidays. You may be required to turn on the main electric breaker or water valve after service is connected.

Contact the Customer Service Department at (928) 485-2451 Ext. 8662 for any questions.

MEMBERSHIP AGREEMENT

In accordance with the Bylaws of Graham County Electric Cooperative, Inc. (GCEC), the undersigned hereby makes written application for membership, and by so doing agrees to the following terms and conditions:

- Purchase electric, water and/or Pima sewer service and make payment for said within the time allowed by the Co-op. (Note: GCEC has an agreement with the Town of Pima for sewer billing services).
- A credit check may be required to determine the amount of deposits necessary. Deposit procedures are subject to Co-op policy and ACC rule R14-2-203.B, 303.B, 403.B. A collection agency may be used on accounts where the customer has failed to pay closing bills or invoices promptly.
- You agree, in order for us to service your account or to collect any amounts you may owe, we may contact you by telephone at any telephone number associated with your account, including wireless telephone numbers, which could result in charges to you. We may also contact you by sending text messages or emails, using any email address you provide us. Methods of contact may include using pre-recorded or artificial voice messages and/or the use of an automatic dialing device, as applicable. By signing the membership agreement, you certify that you have read this disclosure and agree that GCEC or an assigned collection agency may contact you as described above.
- GCEC reserve the right to share certain account information with third parties as permitted under ACC rules and regulations.
- Notify Co-op immediately of any mailing address changes. Failure to receive bills or notices which have been properly placed in the United States mail shall not prevent such bills from becoming delinquent nor relieve the customer of his obligations therein.
- Co-op agrees to mail statements monthly. Applicant is responsible to notify Co-op if statement is not received within a two-week period of normal delivery date. In the event that a statement is not received, applicant is still responsible for obtaining information for making payment for utilities consumed. Payment shall be submitted within 25 days of the normal billing date or the service(s) will be subject to late fees, additional deposits, and disconnection for nonpayment.

- Where service is requested by two or more individuals the Co-op shall have the right to collect the full amount owed from any one of the applicants.
- Comply with and be bound by the most recently adopted Articles of Incorporation and Bylaws of the Co-ops, together with all appropriate rate schedules, utility tariffs, rules and regulations as adopted by the Board of Directors of the Co-ops and the Arizona Corporation Commission. Copies are available upon request.
- Pay a refundable **\$5.00 membership fee for GCEC**, applicable service connection fees, and any required security deposits. No member may hold more than one membership in Co-op and no membership shall be transferable except as provided in the Bylaws.

Customer Responsibility:

- Customer shall be responsible for maintaining all facilities on the customer's side of the meter in a safe operating condition.
- Customer shall be responsible for safeguarding all Co-op property installed in or on the customer's premises for the purpose of supplying utility service to that customer.
- Customer shall exercise reasonable care to prevent loss or damage to Co-op property, excluding ordinary wear and tear. Customer shall be responsible for the loss of or damage to Co-op property on the customer's premises arising from neglect, carelessness or misuse and shall reimburse the Co-op for the cost of necessary repairs or replacements.
- Customer shall be responsible for payment for any equipment damage and/or estimated unmetered usage resulting from unauthorized breaking of seals, interfering, tampering or bypassing the Co-op meter.
- Customer shall be responsible for notifying the Co-op of any equipment failure identified in the Co-op's equipment.
- Customer agrees to comply with all other rules as mandated by the Arizona Corporation Commission.

The following customer actions may result in termination of service without prior notice:

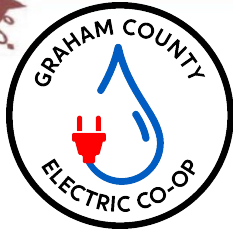
- Evidence of meter tampering or fraud.
- The existence of an obvious hazard to the safety or health of the consumer or general population or Co-op personnel or facilities.

The following customer actions may result in termination of service following written notice subject to AAC Rule R14-2-211:


- Customer violation of any of Co-op tariffs.
- Failure of the customer to pay a delinquent bill for utility service.
- Failure of the customer to meet or maintain the Co-op deposit requirements.
- Failure of consumer to provide reasonable access to Co-op meter, equipment and property.
- Customer breach of a written contract for service between the Co-op and customer.
- The Co-op shall have the right (but not the obligation) to remove any or all of the Co-op's property installed on the customer's premises upon the termination of service.

Easements and Rights-of-Way:

- Customer shall grant adequate easement and right-of-way satisfactory to the Co-op to ensure that customer's proper service connection. Customer shall also ensure safe access to the meter for purposes of meter reading and service work as necessary. Failure on the part of the customer to grant adequate easement and right-of-way shall be grounds for the Co-op to refuse service.
- Should the Co-op discover that a customer or customer's agent is performing work or has constructed facilities adjacent to or within an easement or right-of-way and such work, construction or facility poses a hazard or is in violation of federal, state, or local laws, ordinances, statutes, rules or regulations, or significantly interferes with the Co-op's access to equipment, the Co-op shall notify the customer or customer's agent and may take whatever actions are necessary to eliminate the hazard, obstruction, or violation at the customer's expense.



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P.O. Drawer B
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(928) 485-2451 / www.gce.coop

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Utility Service Application & Membership Certificate

- ✓ Please mark the appropriate box: Property Owner Tenant Agent Other
- ✓ I have read the "Membership Agreement" (www.gce.coop)
- ✓ Attach a copy of a Driver's License or Photo ID for each applicant & rental/lease or purchase agreement.
- ✓ Complete and sign application. (For Joint-Membership: Complete Applicant & Spouse Information)

Applicant #1 – Name or Business (First, Middle, Last) Please Print

Applicant #2 / Spouse – Name (First, Middle, Last) Please Print

Signature

Signature

Date

Date

SS # or Business Tax ID # (Required)

SS # (Required)

Date of Birth (MM/DD/YYYY)

Date of Birth (MM/DD/YYYY)

Mailing Address (Where you want the utility bill sent)

City, State, Zip Code

Physical Address (Service Location if different than above)

City, State, Zip Code

Phone # (Cell)

Phone # (Home)

Phone # (Other)

E-mail Address (Applicant #1)

E-mail Address (Applicant #2)

List names of all adults (18 & older) at this location other than applicants Name & Contact Info (Other Individuals Authorized on this Account)

Landlord Name & Contact Info (If Applicable)

Requested Service Connect Date (Normal Business Hours: Monday - Thursday 7:00 am - 5:30 pm Excluding Holidays)

(Information Below is for Office Use Only)

Application Approved By: _____ In Person _____ Web Site _____ Fax _____ Email _____ Mail _____

Rate Code _____ Credit Check Results: Green _____ Yellow _____ Red _____ N/A _____ Account #: _____

Electric _____ Deposit: \$ _____ GCEC Membership: \$ _____ Rate Class: Residential _____ Irrigation _____

Water _____ Deposit: \$ _____ Connect Charges: \$ _____ Sml Comm _____ Lrg Comm _____

Sewer _____ Deposit: \$ _____ Other Charges: \$ _____ Total All Charges: \$ _____

Notes: _____



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MEMBER USE ONLY

GCEC CONSTRUCTION DETAILS & STANDARDS

PLEASE DO NOT RETURN THIS
PORTION WITH YOUR NEW SERVICE
REQUEST





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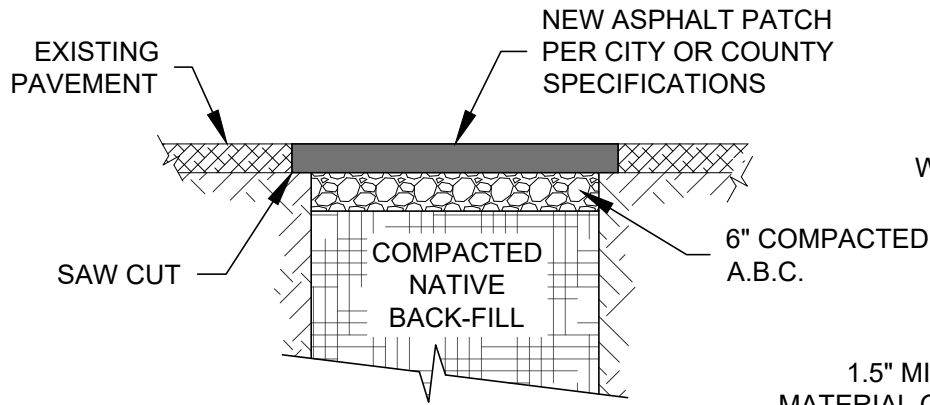
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New Electric / Water Service Step by Step

Below is a checklist to assist you with your new electric or water service installation.

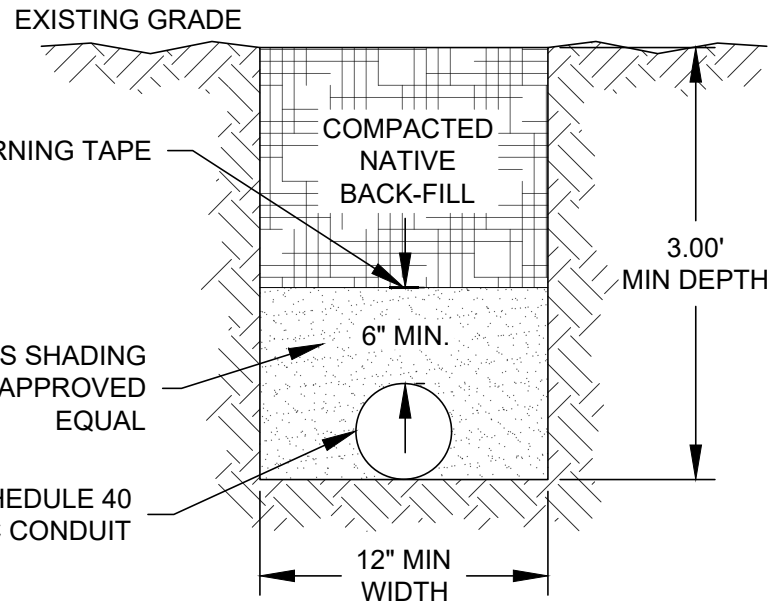
- Read and complete all documents within this new service design packet and pay design fee. **(\$150)**
- After all documents have been completed and returned a GCEC Planner will review and contact the member for further information or schedule a meet on site if necessary.
- A design, work order, and **Aid To Construction Invoice** will be created and emailed to the member. Invoices are valid for 60 days. Failure to pay invoices within that time frame will result in a recalculation of the invoice. Member side construction of new service must be completed within 180 days of invoice payment. Failure to meet the construction deadline will result in a refund of the invoiced amount.
Any changes in design or power requirements will incur an additional \$150 design fee.
- Completed line extension agreements & recorded easement documents (if needed) have been returned to GCEC.
- Invoice paid in full (Aid-to-Construction) to GCEC.
- Member to notify GCEC when all member side construction is completed.
- Work order is released to GCEC Operations for review.
- GCEC representative will make a site visit to inspect conduit & service installations, call in bluestakes and ensure job site meets all GCEC requirements for construction readiness.
All trenches to remain open until inspection completed by GCEC Representative.
- Work Order released to Electric / Water crews and scheduled for construction.
Construction lead times can vary but is typically completed within (4) weeks of final inspection.

NOTE: If items have not been completed prior to GCEC crews coming out, the member will incur additional charges.



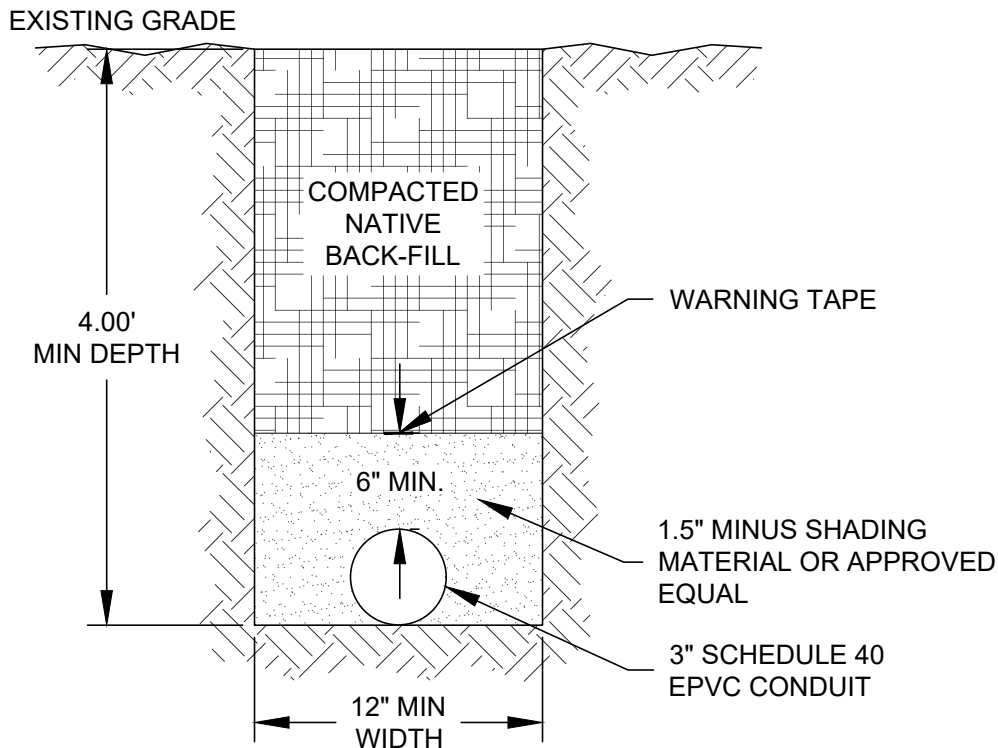
TYPICAL ASPHALT PATCH DETAIL

N.T.S.



TYPICAL SECONDARY CONDUIT TRENCH

N.T.S.



TYPICAL PRIMARY CONDUIT TRENCH

N.T.S.

NOTE:

1. ALL TRENCHING AND CONDUIT SHALL BE INSPECTED AND APPROVED BY GRAHAM COUNTY ELECTRIC CO-OP.
2. INSTALL 36" SCHEDULE 40 SWEEPS WHERE NEEDED
3. INSTALL 3" SCHEDULE 80 ABOVE GROUND TO SERVICE ENTRANCE

TYPICAL TRENCHING DETAIL

GRAHAM COUNTY
ELECTRIC COOPERATIVE INC.
9 W. CENTER STREET PIMA, AZ 85543
(928) 485-2451

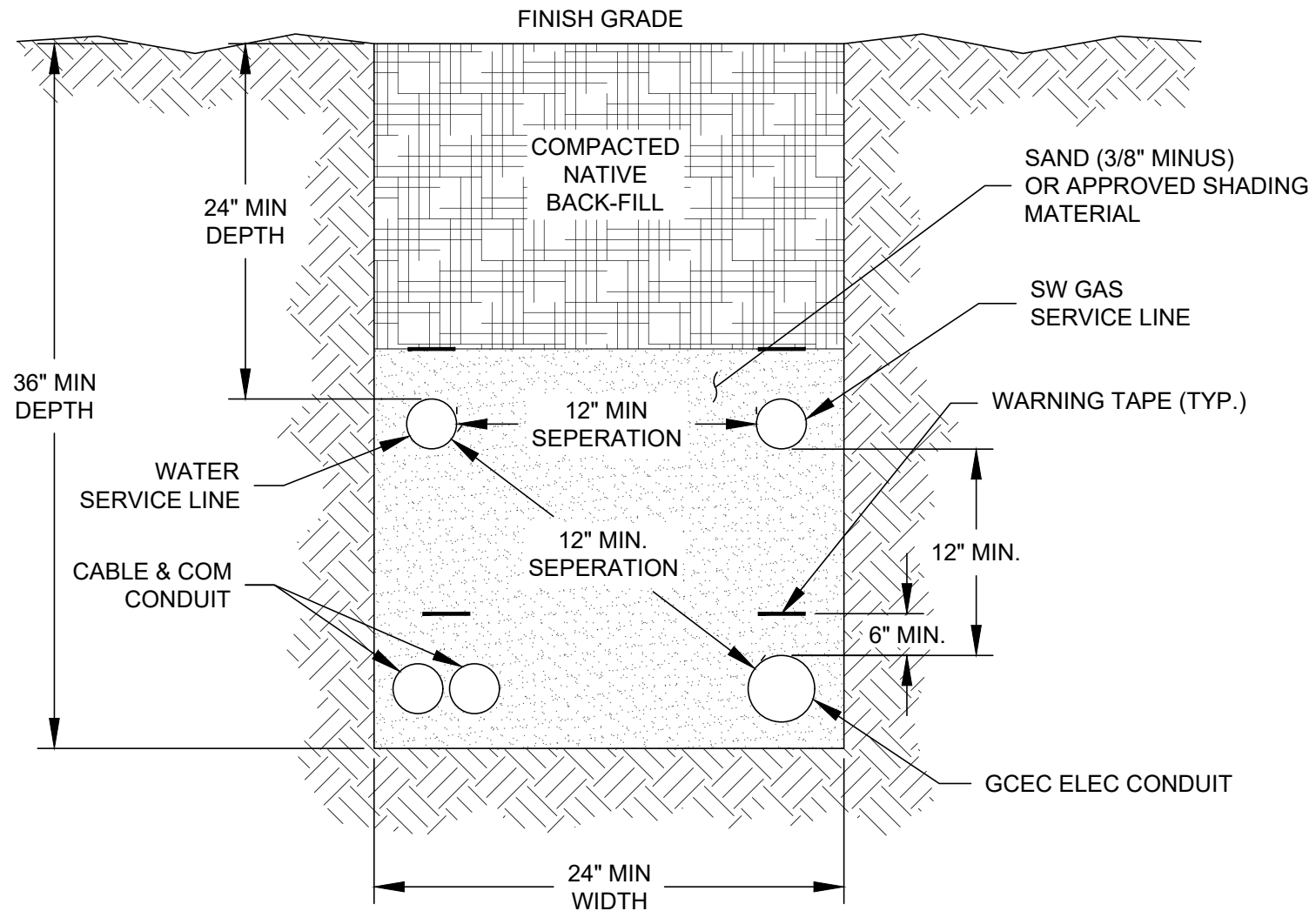


DRAWN BY: C.F.N.

SCALE: N.T.S.

DATE: AUG. 2023

CHECKED BY:



**TYPICAL
SERVICE LINE JOINT USE TRENCH DETAIL**
N.T.S.

NOTE:

1. OWNER / CONTRACTOR TO CALL 811 (BLUESTAKE) AT LEAST 3 DAYS BEFORE DIGGING.
2. ALL TRENCHING AND CONDUIT SHALL BE INSPECTED AND APPROVED BY EACH UTILITY

**TYPICAL SERVICE LINE
JOINT USE
TRENCHING DETAIL**

**GRAHAM COUNTY
ELECTRIC COOPERATIVE INC.**
9 W. CENTER STREET PIMA, AZ 85543
(928) 485-2451

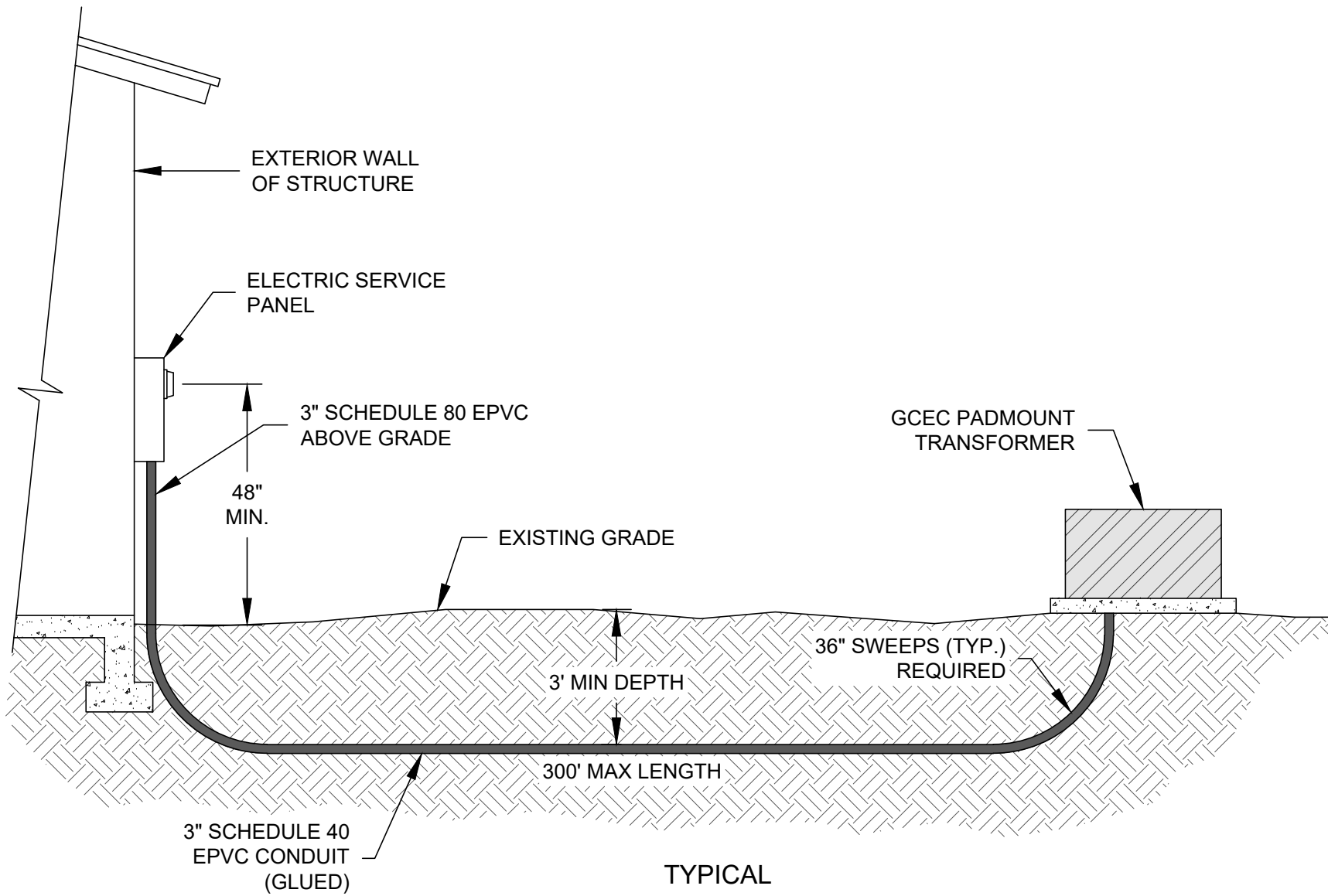


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SCALE: N.T.S.

DATE: AUG. 2023

CHECKED BY:



**TYPICAL
UNDERGROUND SERVICE INSTALLATION**

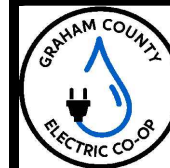
N.T.S.

NOTE:

1. OWNER / CONTRACTOR RESPONSIBLE FOR ALL TRENCHING & CONDUIT INSTALLATION.
2. OWNER / CONTRACTOR TO CALL 811 (BLUESTAKE) AT LEAST 3 DAYS BEFORE DIGGING.
3. ALL TRENCHING AND CONDUIT SHALL BE INSPECTED AND APPROVED BY GCEC

**TYPICAL UNDERGROUND
SERVICE INSTALLATION
DETAIL**

**GRAHAM COUNTY
ELECTRIC COOPERATIVE INC.**
9 W. CENTER STREET PIMA, AZ 85543
(928) 485-2451

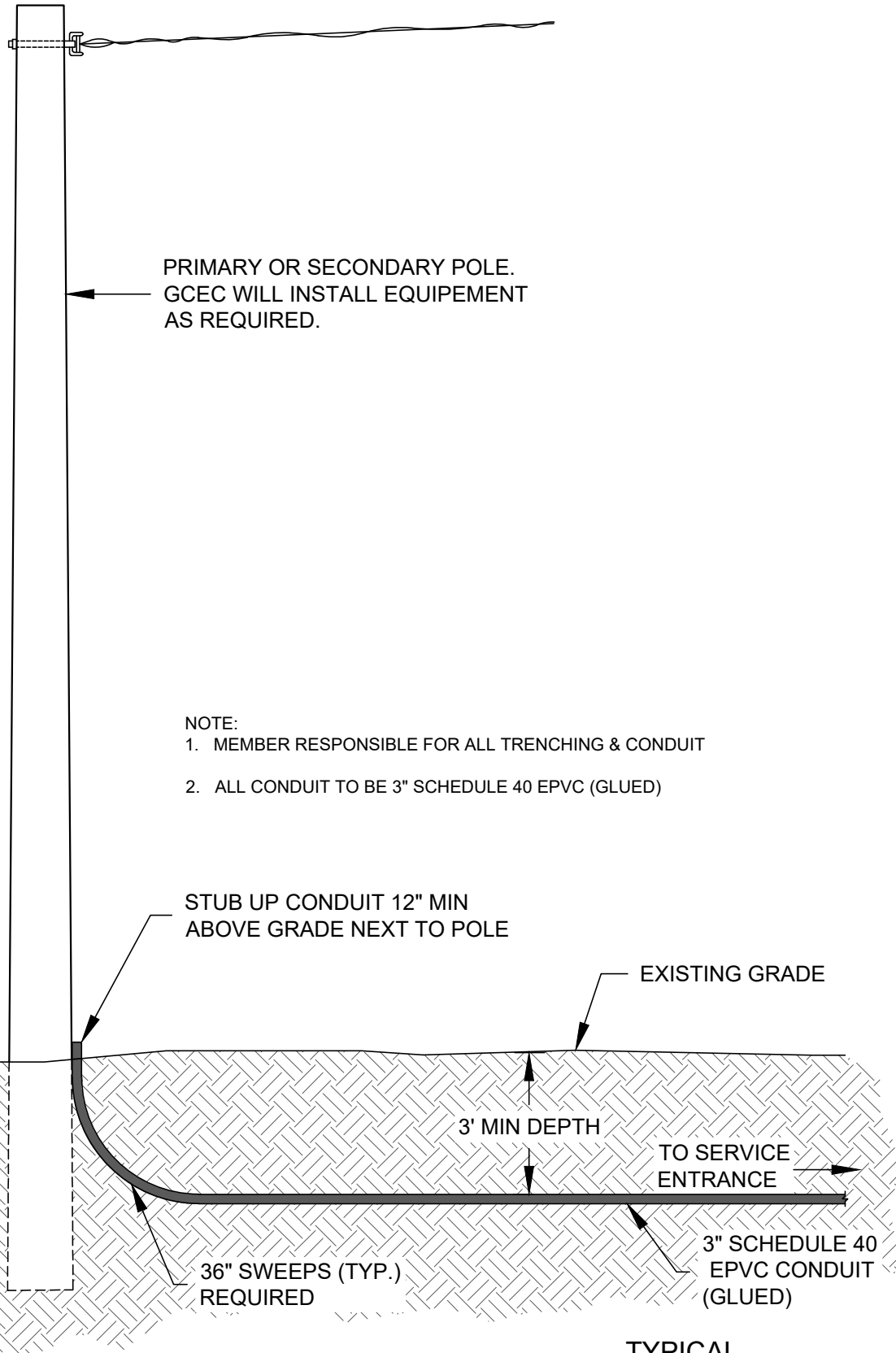


DRAWN BY: C.F.N.

SCALE: N.T.S.

DATE: OCT. 24

CHECKED BY:



PRIMARY OR SECONDARY POLE.
 GCEC WILL INSTALL EQUIPEMENT
 AS REQUIRED.

- NOTE:
1. MEMBER RESPONSIBLE FOR ALL TRENCHING & CONDUIT
 2. ALL CONDUIT TO BE 3" SCHEDULE 40 EPVC (GLUED)

STUB UP CONDUIT 12" MIN
 ABOVE GRADE NEXT TO POLE

EXISTING GRADE

3' MIN DEPTH

TO SERVICE
 ENTRANCE

36" SWEEPS (TYP.)
 REQUIRED

3" SCHEDULE 40
 EPVC CONDUIT
 (GLUED)

**TYPICAL
 SECONDARY URD SERVICE FROM POLE**

N.T.S.

DRAWN BY: C.F.N.

SCALE: N.T.S.

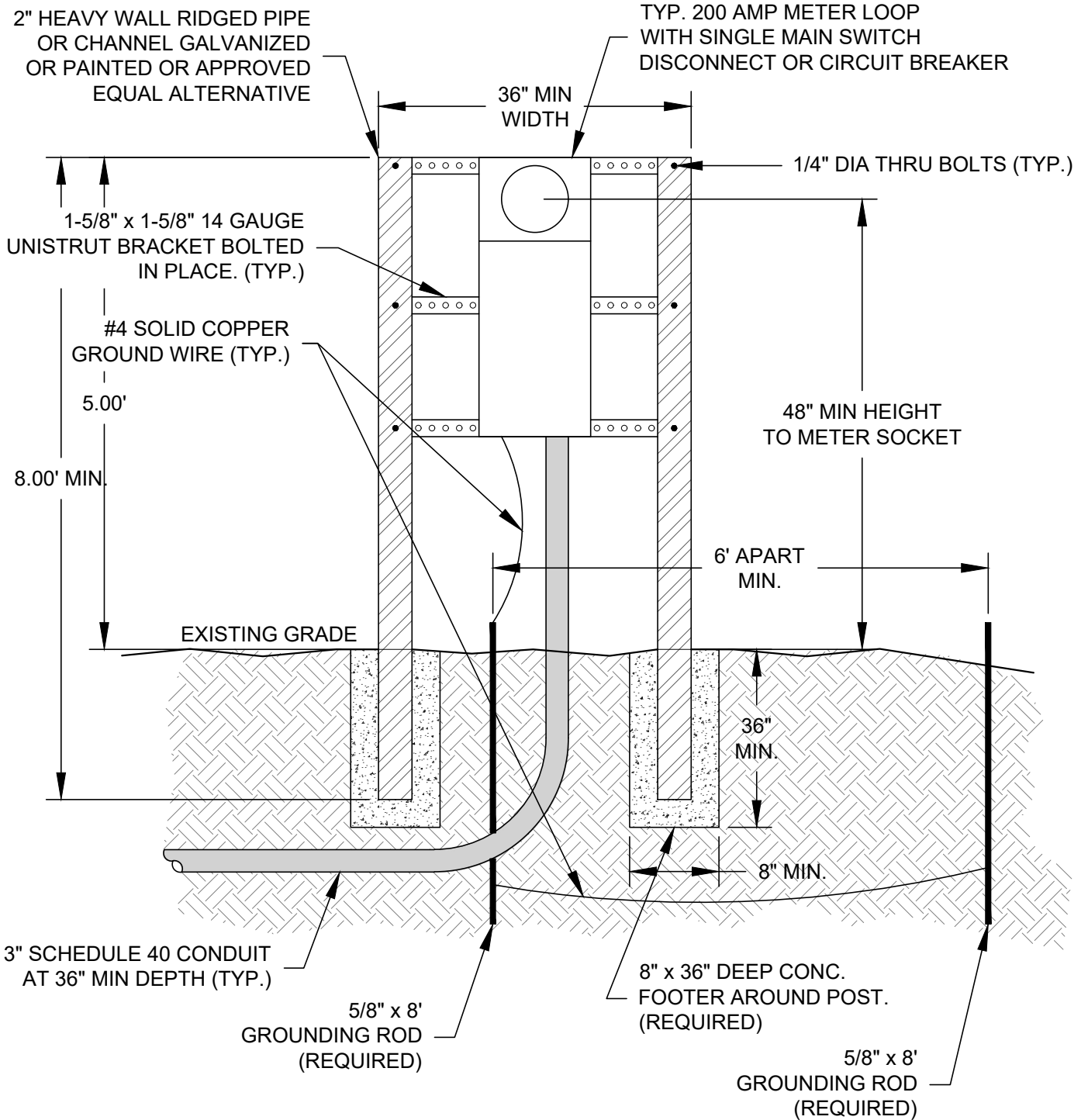
DATE: JAN. 25

CHECKED BY:



**GRAHAM COUNTY
 ELECTRIC COOPERATIVE INC.**
 9 W. CENTER STREET PIMA, AZ 85543
 (928) 485-2451

**TYPICAL SECONDARY URD
 SERVICE FROM POLE
 DETAIL**



**TYP. H-FRAME SERVICE ENTRANCE
INSTALLATION DETAIL**

N.T.S.

DRAWN BY: C.F.N.

SCALE: N.T.S.

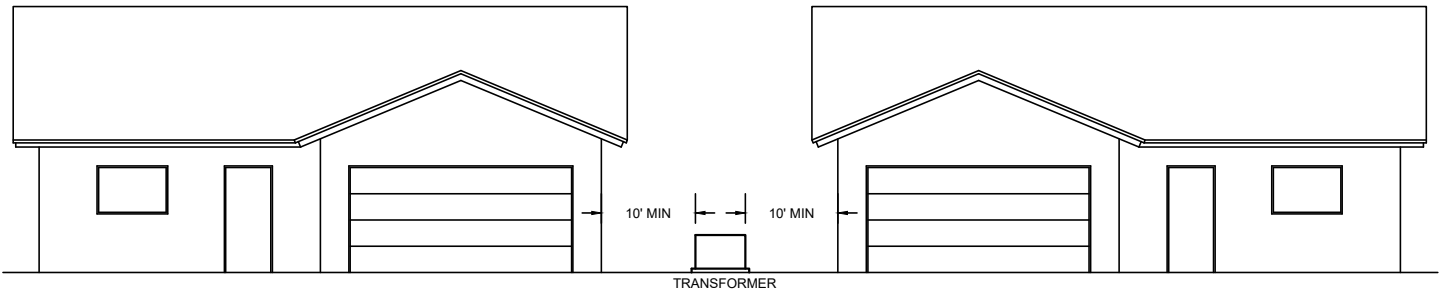
DATE: JAN. 2026

CHECKED BY:



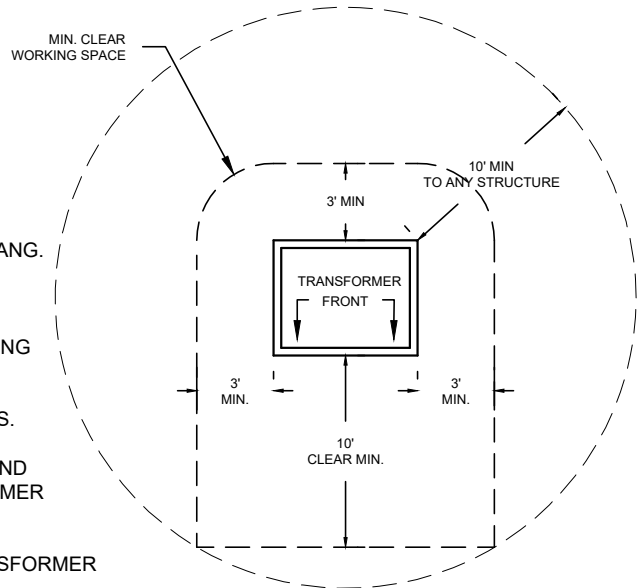
**GRAHAM COUNTY
ELECTRIC COOPERATIVE INC.**
9 W. CENTER STREET PIMA, AZ 85543
(928) 485-2451

**TYPICAL H-FRAME
SERVICE ENTRANCE DETAIL**



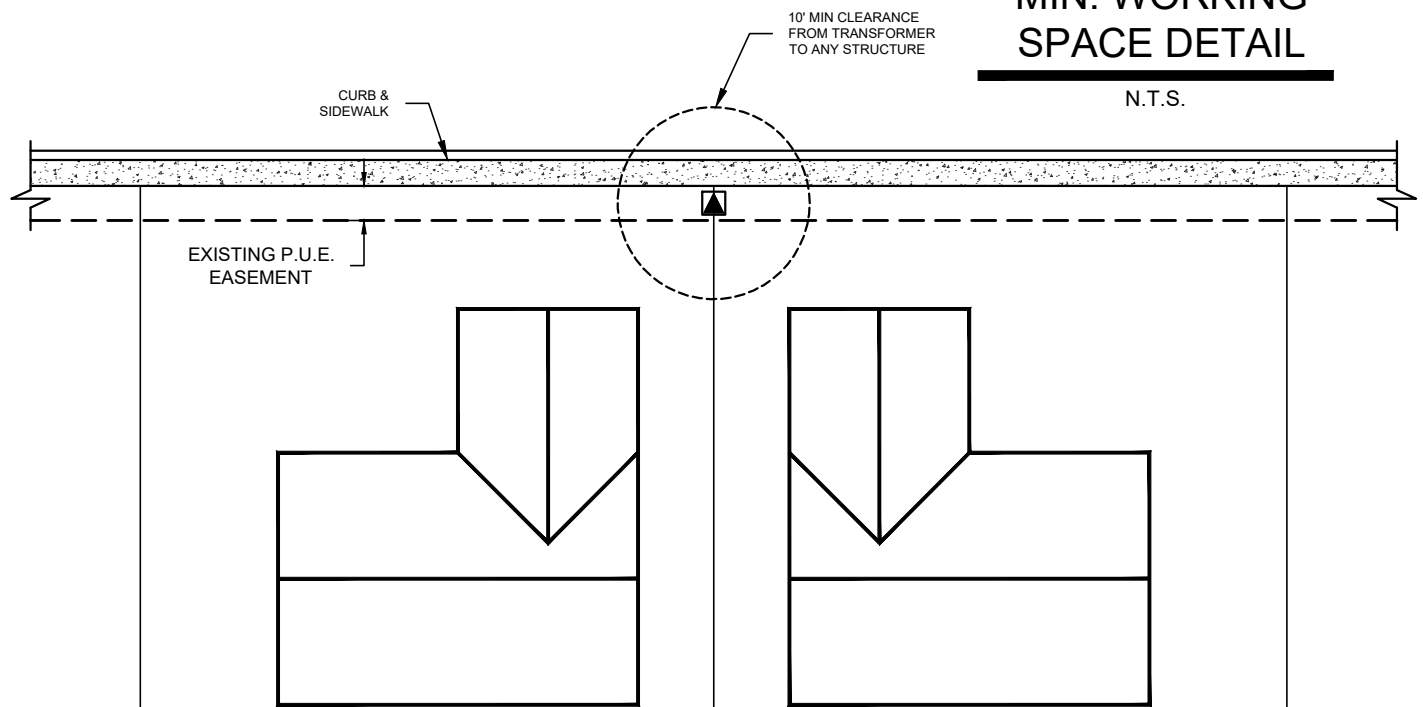
NOTES:

1. 10 FOOT CLEAR AREA REQUIRED IN FRONT FOR SAFE AND UNIMPEDED ACCESS.
2. 3 FOOT CLEAR AREA IN BACK AND SIDES TO ALLOW FOR ACCESS.
3. 10 FOOT MINIMUM DISTANCE FROM ANY BUILDING, STRUCTURE, OR OVERHANG.
4. PLACE FRONT OF PADMOUNTED TRANSFORMER AWAY FROM BUILDING WALLS OR OTHER BARRIERS TO ALLOW FOR SAFE WORKING PRACTICES. IF FRONT OF TRANSFORMER MUST FACE WALL, ALLOW 10 FEET FOR WORKING CLEARANCE. NO VEGETATION IN THIS WORK SPACE IS PERMITTED.
5. CONSULT THE COOPERATIVE FOR ANY ADDITIONAL REQUIRED CLEARANCES.
6. WHERE EXPOSED TO MOTORIZED VEHICLES, THE MEMBER MUST INSTALL AND MAINTAIN COOPERATIVE APPROVED BARRIER TO PROTECT THE TRANSFORMER AND OTHER EQUIPMENT.
7. THE COOPERATIVE WILL DETERMINE THE EXACT PLACEMENT OF THE TRANSFORMER AND OTHER EQUIPMENT.



MIN. WORKING SPACE DETAIL

N.T.S.



TYP. TRANSFORMER CLEARANCE DETAIL

N.T.S.

DRAWN BY: C.F.N.

SCALE: N.T.S.

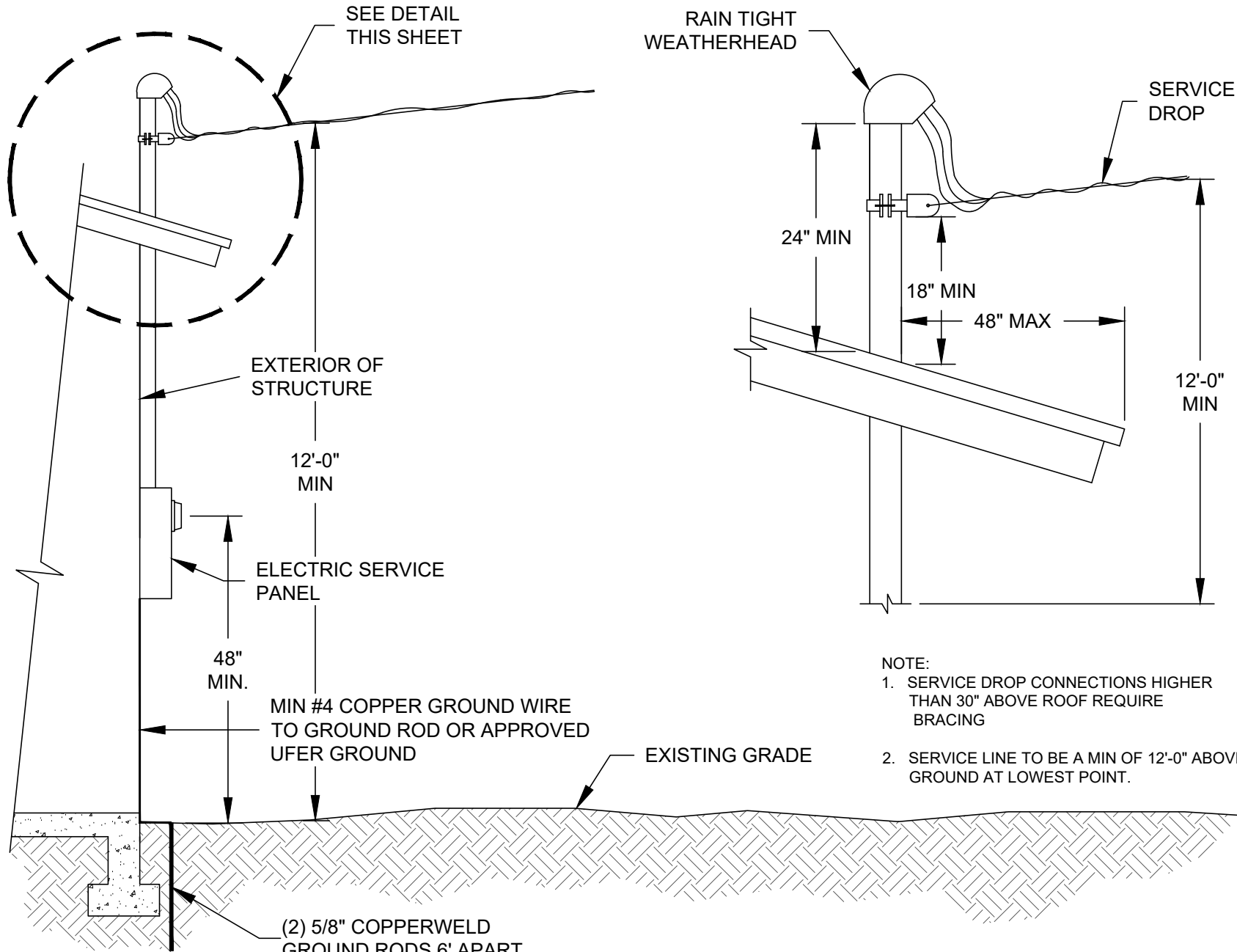
DATE: JAN. 2026

CKED BY: R. SHERMAN



**GRAHAM COUNTY
ELECTRIC COOPERATIVE INC.**
9 W. CENTER STREET PIMA, AZ 85543
(928) 485-2451

**TYPICAL TRANSFORMER
CLEARANCE DETAIL**



RAIN TIGHT WEATHERHEAD

SEE DETAIL THIS SHEET

SERVICE DROP

EXTERIOR OF STRUCTURE

24" MIN

18" MIN

48" MAX

12'-0" MIN

12'-0" MIN

ELECTRIC SERVICE PANEL

48" MIN.

MIN #4 COPPER GROUND WIRE TO GROUND ROD OR APPROVED UFER GROUND

EXISTING GRADE

(2) 5/8" COPPERWELD GROUND RODS 6' APART

NOTE:

- 1. SERVICE DROP CONNECTIONS HIGHER THAN 30" ABOVE ROOF REQUIRE BRACING
- 2. SERVICE LINE TO BE A MIN OF 12'-0" ABOVE GROUND AT LOWEST POINT.

TYPICAL OVERHEAD SERVICE ON STRUCTURE

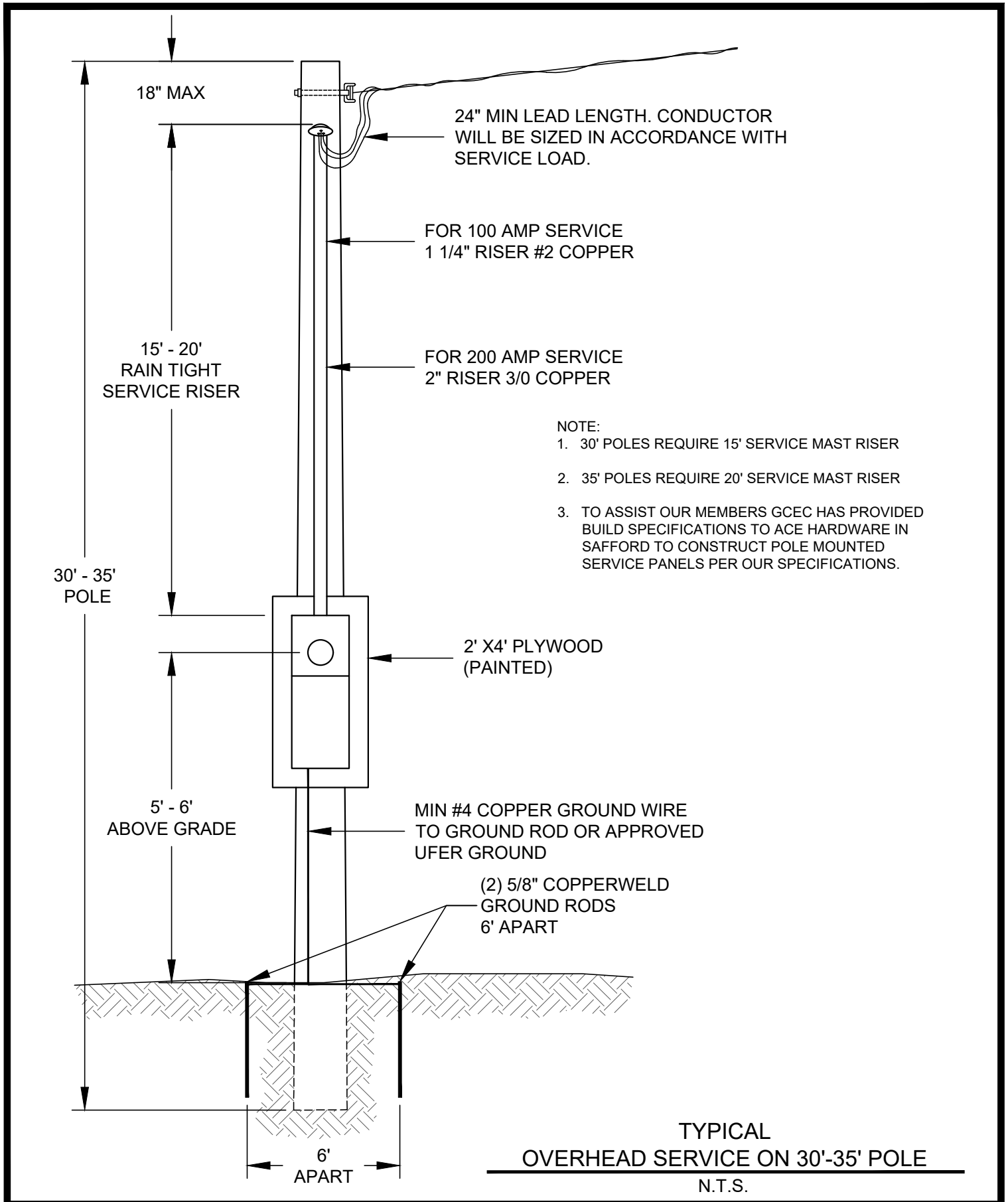
N.T.S.

TYPICAL OVERHEAD SERVICE ON STRUCTURE DETAIL

GRAHAM COUNTY
ELECTRIC COOPERATIVE INC.
9 W. CENTER STREET PIMA, AZ 85543
(928) 485-2451



DRAWN BY: C.F.N.
SCALE: N.T.S.
DATE: NOV. 24
CHECKED BY:



24" MIN LEAD LENGTH. CONDUCTOR WILL BE SIZED IN ACCORDANCE WITH SERVICE LOAD.

FOR 100 AMP SERVICE
1 1/4" RISER #2 COPPER

FOR 200 AMP SERVICE
2" RISER 3/0 COPPER

- NOTE:
1. 30' POLES REQUIRE 15' SERVICE MAST RISER
 2. 35' POLES REQUIRE 20' SERVICE MAST RISER
 3. TO ASSIST OUR MEMBERS GCEC HAS PROVIDED BUILD SPECIFICATIONS TO ACE HARDWARE IN SAFFORD TO CONSTRUCT POLE MOUNTED SERVICE PANELS PER OUR SPECIFICATIONS.

2' X4' PLYWOOD (PAINTED)

MIN #4 COPPER GROUND WIRE TO GROUND ROD OR APPROVED UFER GROUND

(2) 5/8" COPPERWELD GROUND RODS 6' APART

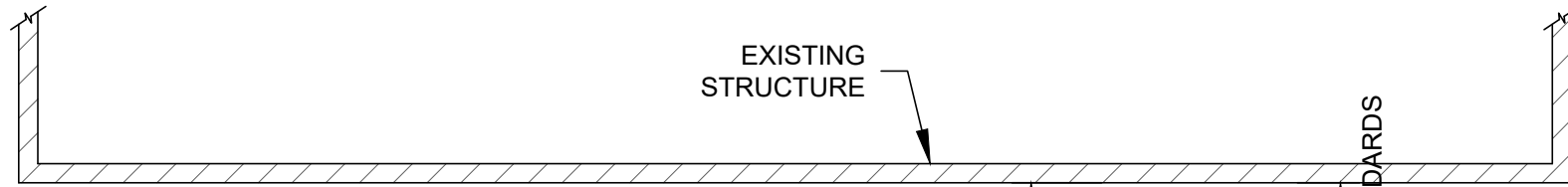
TYPICAL OVERHEAD SERVICE ON 30'-35' POLE
N.T.S.

DRAWN BY: C.F.N.
SCALE: N.T.S.
DATE: NOV. 24
CHECKED BY:



GRAHAM COUNTY ELECTRIC COOPERATIVE INC.
9 W. CENTER STREET PIMA, AZ 85543
(928) 485-2451

TYPICAL OVERHEAD SERVICE ON POLE DETAIL



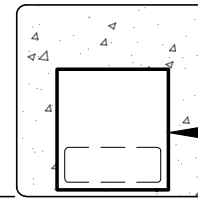
STRUCTURE ADJACENT PAD PLACEMENT DETAIL

N.T.S.

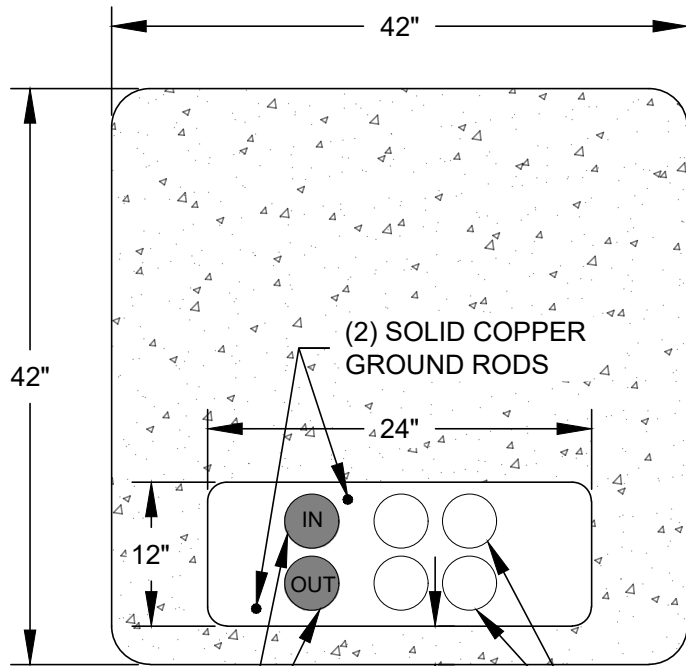
13.50'

10' MIN.

PER NESC STANDARDS



TRANSFORMER



(2) SOLID COPPER
GROUND RODS

24"

12"

42"

4"

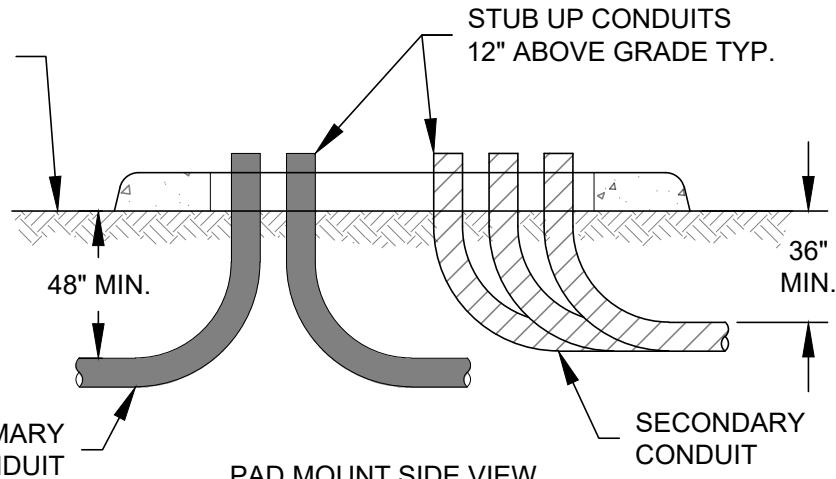
PRIMARY
CONDUIT

SECONDARY
CONDUIT

**PAD MOUNT DETAIL
PLAN VIEW**

N.T.S.

COMPACTED
BASE TYP.



STUB UP CONDUITS
12" ABOVE GRADE TYP.

48" MIN.

36" MIN.

PRIMARY
CONDUIT

SECONDARY
CONDUIT

PAD MOUNT SIDE VIEW

N.T.S.

NOTE:

1. MEMBER RESPONSIBLE FOR ALL TRENCHING & CONDUIT
2. ALL CONDUIT TO BE 3" SCHEDULE 40 EPVC (GLUED)
3. ALL TRENCHES TO BE BACK FILLED TO GRADE.

PAD MOUNT
TRANSFORMER DETAIL

GRAHAM COUNTY
ELECTRIC COOPERATIVE INC.
9 W. CENTER STREET PIMA, AZ 85543
(928) 485-2451

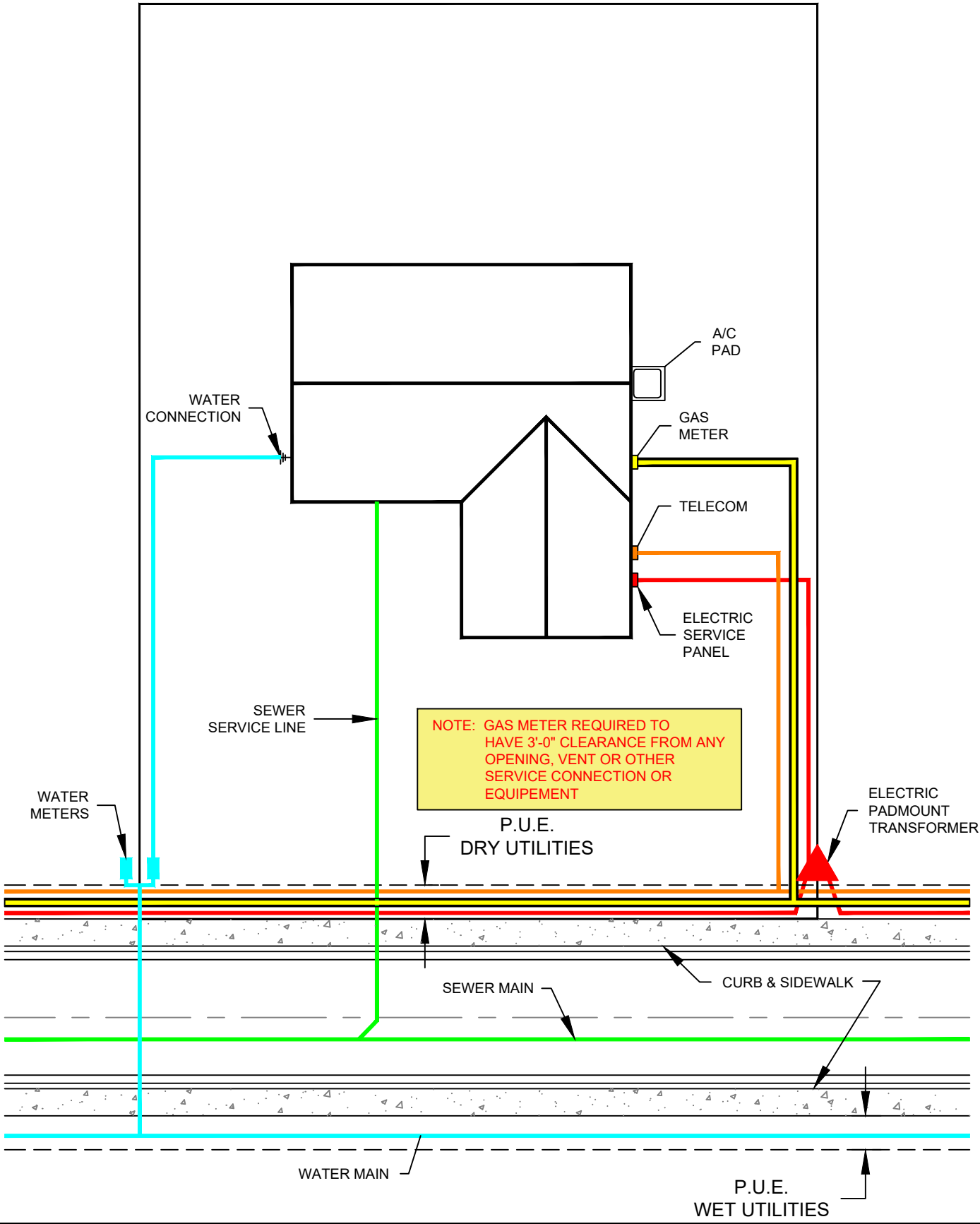


DRAWN BY: C.F.N.

SCALE: N.T.S.

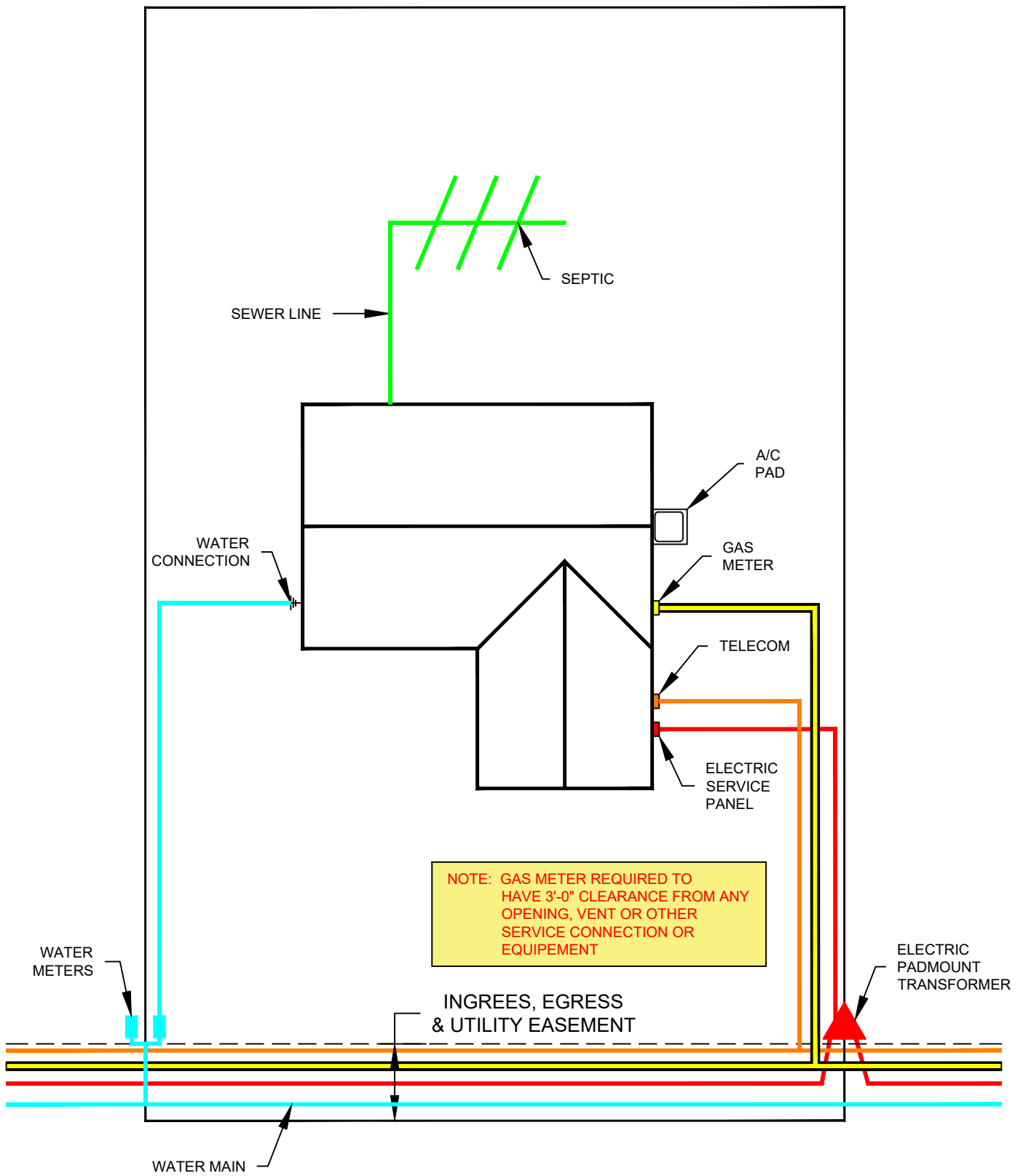
DATE: MAY 2026

CHECKED BY:



GRAHAM COUNTY
 ELECTRIC COOPERATIVE INC.
 9 W. CENTER STREET PIMA, AZ 85543
 (928) 485-2451

RESIDENTIAL
 PREFERRED UTILITY LAYOUT



GRAHAM COUNTY
 ELECTRIC COOPERATIVE INC.
 9 W. CENTER STREET PIMA, AZ 85543
 (928) 485-2451

RURAL RESIDENTIAL
 PREFERRED UTILITY LAYOUT

**GRAHAM COUNTY ELECTRIC COOPERATIVE, INC.
ELECTRIC MAIN LINE EXTENSION AGREEMENT**

A) Name and address of applicant or applicants:

Name: _____
Mailing Address: _____

B) Proposed service address or location:

C) Description of requested service:

D) Description and sketch of the requested line extension:

A staking sheet may be requested by the customer after the line extension cost has been paid.

E) A cost estimate to include materials, labor, and other costs as necessary:

See attached.

Note: *All advances in aid of construction shall be non-interest bearing. A copy of the main line extension tariff is available upon request.*

F) Payment Terms:

All costs are due before construction begins.

G) Refunding Provisions, if applicable:

1. Where the number of potential services has been determined by final plats.

a. Each subsequent hookup on the line extension after the first customer shall pay a percentage equal to the total cost estimate divided by the number of lots. This amount shall then be refunded to the first customer provided it has not been five years since the time of payment as outlined in rule C-4.

2. Where the number of potential services is not readily available and must be estimated by the Cooperative:

b. Each subsequent hookup on the line extension after the first customer shall pay a percentage equal to the total cost estimate divided by the current number of hookups on the line including the new hookup. This amount shall then be refunded equally between the prior customers provided it has not been five years since the time of payment as outlined in rule C-4.

Note: *Line extension refunds shall be paid as soon as possible after each additional customer has been connected. (Please allow 4-6 weeks for processing) The customer may request an annual survey to determine if additional customers have been connected to and are using service from the extension.*

Note: *Rule C-4: "If after five years from the utility's receipt of the advance, the advance has not been totally refunded, the advance shall be considered a contribution in aid of construction and shall no longer be refundable."*

Note: *No refunds shall be given to residential subdivision developments and permanent mobile home parks.*

H) The utility's estimated start date and completion date for construction on the line extension:

Estimated Start Date: _____
Estimated Completion Date: _____

Customer Signature

Date

GCEC Representative Signature

Date



Graham County Electric Cooperative. Inc.

9 West Center St.

PO Drawer B

Pima, AZ 85543

Phone (928) 485-2451

Fax (928) 485-9491

Your Touchstone Energy® Cooperative 

"We are committed to provide safe, reliable and efficient resources to enhance the lives of our members and the communities we serve."

Water Main Extension Agreement

This agreement made and entered into this _____, by and between Graham County Electric Cooperative, Inc. (hereinafter referred to as the "Company"), and _____ (hereinafter referred to as the "Applicant") whose address is: _____.

The Company and the Applicant agree:

- I. The Company will construct an extension to its water distribution facilities as described in the attached Exhibit and perform all tests required by the Arizona Department of Environmental Quality.
- II. The Applicant will pay to the Company, upon signing this agreement, a Refundable Advance in Aid to Construction, for the total amount of \$_____. The total of which must be paid prior to the start of construction. In the event the Company's actual cost of construction is less than the amount advanced by the Applicant, the Company shall make a refund to the Applicant within thirty (30) days after the completion of the construction or Company's receipt of invoices related to that construction.
- III. The Applicant will provide all Rights of Way/Easements required to complete the construction of said water line extension.
- IV. Refund for Aid to Construction will be as follows:
Company shall each year pay to the party making an advance under a main extension agreement, or that party's assignees or other successors in interest where the Company has received notice and evidence of such assignment or succession, a minimum amount equal to 10% of the total gross annual revenue from water sales to each bona fide consumer whose service line is connected to main lines covered by the main extension agreement, for a period of not less than 10 years. Refunds shall be made by the Company on or before the 31st day of August of each year, covering any refunds owing from water revenues received during the preceding July 1st to June 30th period. A balance remaining at the end of the ten-year period set out shall become non-refundable, in which case the balance not refunded shall be entered as a contribution in aid of construction in the accounts of the Company. The aggregate refunds under this rule shall in no event exceed the total of the refundable advances in aid of construction. No interest shall be paid by the utility on any amounts advanced. The Company shall make no refunds from any revenue received from any lines, other than customer service lines, leading up to or taking off from the particular main extension covered by the agreement.

Signed: _____ Signed: _____
GCEC Signature Applicant Signature

RIGHT-OF-WAY EASEMENT

KNOW ALL MEN BY THESE PRESENTS, That the undersigned for a good and valuable consideration, the receipt whereof is hereby confessed and acknowledged, does hereby grant unto **GRAHAM COUNTY ELECTRIC COOPERATIVE, INC.**, a Corporation, whose Post Office address is Drawer B, Pima, AZ 85543, and its successors or assigns, a mutual non-exclusive easement for ingress, egress, and utilities, over, under and through the following described property and the right to enter upon the lands of the undersigned, situated in the County of Graham, State of Arizona, and more particularly described as follows:

See attached Exhibit 'A'

And to place, construct, operate, repair, maintain, replace thereon in or upon all streets, roads, or highways abutting said lands an electric and/or water transmission or distribution line or system, to cut and trim trees, shrubbery to the extent necessary to keep them clear of said line or system and to cut down from time to time all dead, weak, leaning or dangerous trees or brush.

The undersigned agrees that all facilities and equipment, including any main service entrance equipment, installed on the above described lands at the Cooperative's expense shall remain the property of the Cooperative, removable at the option of the Cooperative upon termination of service to or on said lands.

The undersigned covenants that he is the owner of the above described lands and that the said lands are free and clear of encumbrances and liens of whatsoever character except those held by the following persons:

It is further understood, that whenever necessary, words used in this instrument in the singular shall be construed to read in the plural and that words used in the masculine gender shall be construed to read in the feminine.

_____ (L.S.)

_____ (L.S.)

STATE OF ARIZONA)

)ss.

County of Graham)

On this _____ day of _____, 20____, before me personally appeared _____

_____.

WITNESS my hand and official seal.

Notary Public

My Commission Expires _____.



Graham County Electric Cooperative. Inc.

9 West Center St.

PO Drawer B

Pima, AZ 85543

Phone (928) 485-2451

Fax (928) 485-9491

Your Touchstone Energy® Cooperative 

"We are committed to provide safe, reliable and efficient resources to enhance the lives of our members and the communities we serve."

GCEC Contact Information

Member Service Representatives

LaDawn Hawkins..... (928) 485-2451
(Member Service Specialist)Lhawkins@gce.coop

Tracy Botkins..... (928) 485-2451
(Member Service Representative)Tbotkins@gce.coop

Francyne Reyes..... (928) 485-2451
(Member Service Representative) Freyes@gce.coop

Planner

Clinton Neff..... (928) 485-2451
(Planner).....Cell: (928) 651-1307
Cneff@gce.coop

Line Locator / Inspector

Dustin LarkeyCell: (928) 651-4776
Dlarkey@gce.coop

Electric / Water Crew Supervisors

Victor Trujillo (928) 485-2451
(Electric) Vtrujillo@gce.coop

David Hancock(928) 485-2451
(Water)Dhancock@gce.coop