



STATE OF TENNESSEE
DEPARTMENT OF COMMERCE & INSURANCE
STATE FIRE MARSHAL
500 James Robertson Parkway, Nashville, TN 37243-1162

PASS

Electrical Inspection

Permit Number:	2024004931 Standard Electr	Inspection Number:	556685413
Customer Name:	SHAWN MILLER	Inspector:	KEENE, RAYMOND
Customer Address:	182 Wilcox Dr ERWIN TN 37650	Inspection Type:	Electrical Final Inspection 0-200
County:	Unicoi	Inspection Start Date:	01/24/2024
Contractor Name:		Inspection End Date:	01/24/2024
Contractor Address:		Power Supplier:	932-ERWIN UTILITIES AUTHORITY
Contractor TN License #:		Permit Fee:	0

Inspections do not warrant workmanship. Any inspection performed by an employee, agent or contractor of the State of Tennessee is performed solely for the purposes of enforcing the applicable electrical codes adopted in Tenn. Comp. R. & Regs. 0780-02-01, and may utilize a spot check performance standard. This inspection is not a comprehensive home inspection service, which is the responsibility of the owner.

Remarks:

replaced meter. CONNECTED

A new one (1) or two (2) family dwelling or townhouse shall not be occupied until the Department has issued a Certificate of Occupancy pursuant to Tenn. Comp. R. & Regs. 0780-02-23-.09.

The customer may request all inspections on www.core.tn.gov when the project is ready for the next inspection. For questions, comments, concerns or request inspections, please visit www.tn.gov/commerce/fire-prevention.html or call 615-741-7170.

Inspector:

KEENE, RAYMOND

Date: 01/24/2024

Customer:

Not Available to Sign

Date: 01/24/2024



ERWIN UTILITIES
LOAD INFORMATION REQUEST FORM

Date Completed 10-6-22

Please Select One: ☐ Residential ☐ Commercial ☐ Industrial

1. Customer Name or Business _____
2. Address Under Construction _____
3. Owner/Developer _____
4. Telephone Number _____
5. Email Address _____

Service Characteristics

1600 A Service Panel Size - Existing
_____ 120/240 volt 3w - Single Phase
_____ 120/240 volt 4w - Three Phase Delta
1600 A 120/208 volt 4w - Three Phase Wye - Existing
_____ 277/480 volt 4w - Three Phase Wye
_____ Number of Service Conductors per Phase
_____ * Size of Conductors - Existing
_____ * Size of Neutral - Existing
_____ Overhead Service
_____ * Underground Service - Existing
4000 kW Connected Load (kW) - Estimated
300 kW Demand Load (kW) - Estimated, Per NEC 220

NEC 220 Calcs.
Each Apt ~ 56A
69 Apts ~ 520A
House Loads ~ 300A
Total Connected load:
~ 300 kW Demand
or
~ 850 Amps



Information Submitted by:

Name Joe Riggs P.E.
Title Electrical Engr.
Company Holston Engineering

Telephone 423 926 5991
Cell Phone _____
Fax _____
Email Joe.Riggs@Holsteng.com

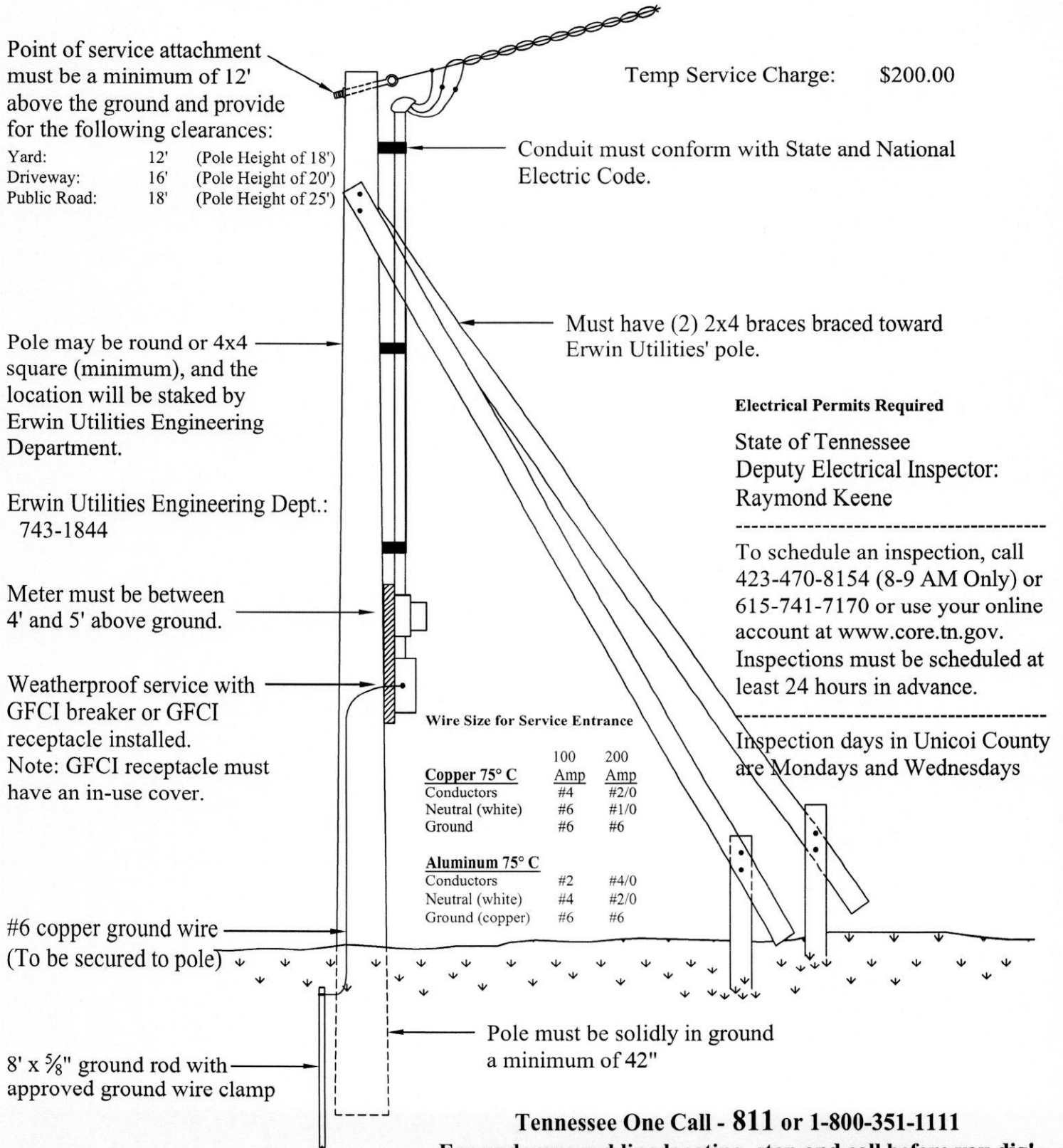
Provide 12-month history with kWh and kW demand from similar store if applicable.

ERWIN UTILITIES



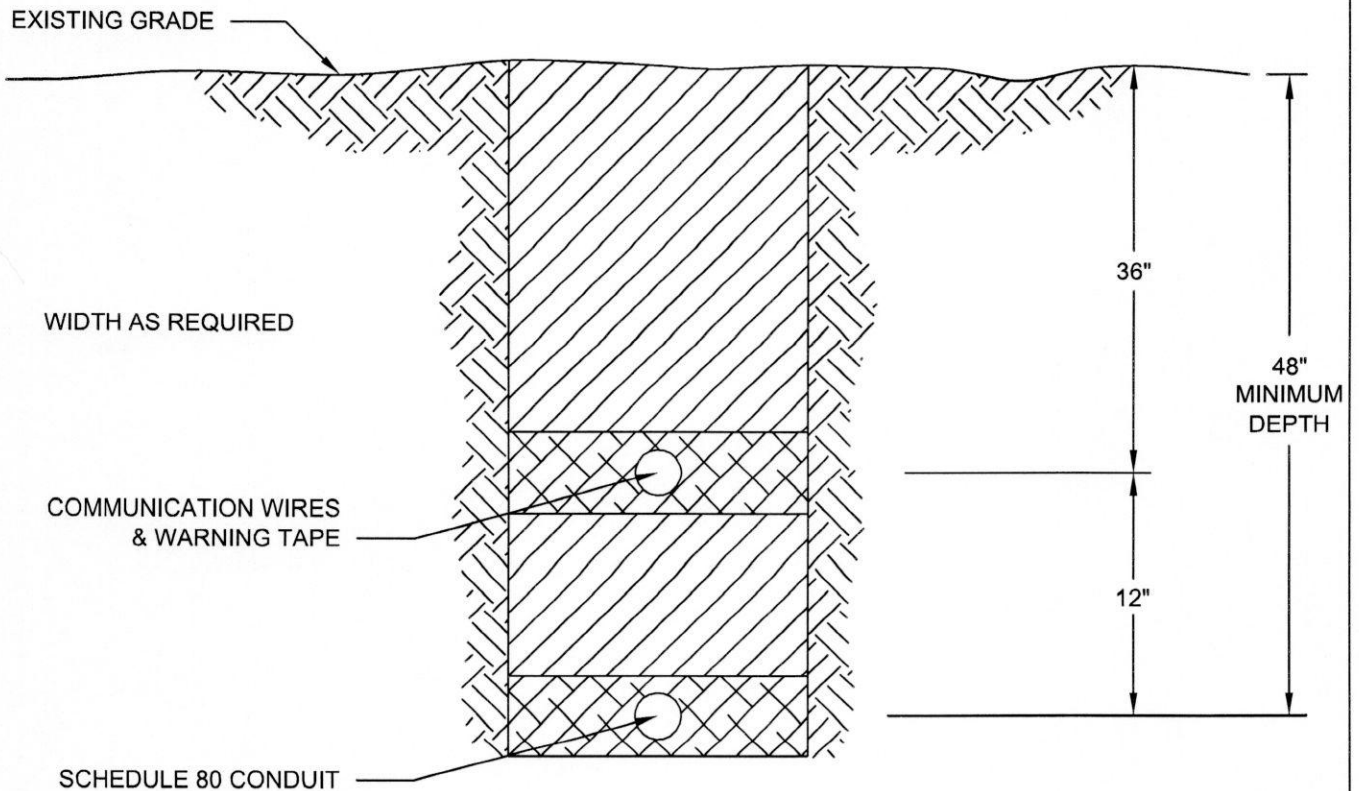
TEMPORARY SERVICE REQUIREMENTS

NOTICE: IF THE TEMPORARY SERVICE IS NOT SUITABLE OR IS UNSAFE AT THE TIME ERWIN UTILITIES' CREWS ARRIVE TO CONNECT THE SERVICE, THE SERVICE WILL NOT BE CONNECTED, AND A \$25.00 CHARGE WILL BE APPLIED TO THE ACCOUNT FOR EACH RETURN TRIP TO CONNECT THE SERVICE.

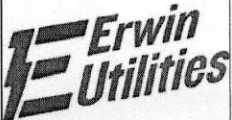


Tennessee One Call - 811 or 1-800-351-1111

For underground line locating, stop and call before you dig!



- 1) DEPTH OF CONDUIT SHALL NOT BE LESS THAN 48".
- 2) CONDUIT SHALL BE LAYING LEVEL IN THE BOTTOM OF THE DITCH.
- 3) CONDUIT SHALL BE PROVIDED BY ERWIN UTILITIES
- 4) CONDUIT SIZE TO BE DETERMINED BY ERWIN UTILITIES ENGINEERING DEPARTMENT.
- 5) MINIMUM OF 12" SPACING BETWEEN CONDUIT FOR ELECTRIC SERVICE AND COMMUNICATIONS WIRES SHARING THE SAME DITCH.
- 6) WARNING TAPE SHALL BE INSTALLED AT LEAST 12" ABOVE THE ELECTRIC CONDUIT. ERWIN UTILITIES WILL PROVIDE THIS TAPE UPON INSPECTION.
- 7) BACKFILL SHALL BE THOROUGHLY TAMPED ABOVE 90 DEGREE ELBOWS.
- 8) CALL ERWIN UTILITIES ENGINEERING DEPARTMENT FOR SCHEDULING ONCE DITCH IS OPEN. (CALL 743-1844).



Scale: NTS

10/15/19

TYPICAL TRENCHES FOR PRIMARY CONDUIT

UNDERGROUND
ELECTRIC
PRIMARY
REQUIREMENTS

Shawn Miller

Proposed Electric Facilities to 185 Golf Course Rd.

10/17/2022



- Existing Transclosure Box to be Utilized as a Secondary Junction Box.
- EU to make connections in the secondary junction box.
 - Customer owns wire from the secondary junction box to the building.
 - EU owns the wire from the pole to the secondary junction box.

Overhead
Transformer
Bank (300KVA)

EU to Install
Metering on Pole

Underground Secondary Wire

- EU to furnish and install URD secondary wire.
- Customer responsible to open & close 3ft deep trench and install (3) 3 inch conduits in the trench.

GOLF COURSE RD

185 Golf Course Rd.

06S-T005

06S-T003 06S-T010

206040

202868

211019 06S-T002

202870

202872

GOLF COURSE RD

Customer Owned
Temporary Service
To Be Installed
Within 100ft from
Euris pole

EU Owned
Pole

6S

190 GOLF COURSE RD
211019
06S-T002

0 BUFFALO VLY
202870

202872
0 BUFFALO VLY

206041
185 GOLF COURSE RD

