

(305) 295-1000 1001 James Street PO Box 6100 Key West, FL 33040-6100 www.KeysEnergy.com

UTILITY BOARD OF THE CITY OF KEY WEST

September 24, 2024

Planning Director City of Key West PO Box 1409 Key West, Florida 33040

RE: DEVELOPMENT REVIEW COMMITTEE KEYS ENERGY SERVICES COMMENTS FOR

MEETING OF SEPTEMBER 26, 2024

Dear Planning Director:

Keys Energy Services (KEYS) received the Development Review Committee Agenda for September 26, 2024. KEYS reviewed the items that will be discussed at the City's Development Review Committee meeting.

Below are KEYS' comments:

LOCATION: Major Development Plan - 907 Caroline Street

COMMENT: KEYS has no objection to the Major Development Plan request.

There needs to be clearances maintained from the building; horizontally to KEYS' neutral 5' feet, and from KEYS' primary 7.5' feet. The vertical clearance for primary 7.5' is horizontally, and 13.5' vertically, per the National Electrical Safety Code rule 232. The OSHA clearance for cranes is 20' feet. Please see the attached

language.

LOCATION: Easement - 920 Caroline Street

COMMENT: KEYS has no objection to the Easement request.

LOCATION: Conditional Use - 804 Caroline Street

COMMENT: KEYS has no objection to the Conditional Use request.

LOCATION: Conditional Use - 1 Duval Street

COMMENT: KEYS has no objection to the Conditional Use request.

LOCATION: Transfer of a Transient Unit License - 1004 Eaton Street

COMMENT: KEYS has no objection to the Transfer of a Transient Unit License

request.

LOCATION: Major Development Plan - 3101 N. Roosevelt Boulevard

COMMENT: KEYS has no objection to the Major Development Plan request.

KEYS will provide high voltage underground per KEYS policies and tariffs. KEYS will need to have a full set of plans and a project review form to ensure adequate power is supplied for the new

project and the existing customers.

LOCATION: Major Development Plan and Landscape Waiver - 0 Duval Street COMMENT: KEYS has no objection to the Major Development Plan and

KEYS has no objection to the Major Development Plan and Landscape Waiver request. KEYS has very limited access to the existing power transformers and recommends that it he relocated

existing power transformers and recommends that it be relocated from the existing location. If the applicant requires it to be upgraded, then a pad-mounted transformer will need to be installed, and all secondaries will need to be upgraded to the new

location. This will be at the owner's expense.

LOCATION: Development Plan - 715 and 811 Seminole Avenue

COMMENT: KEYS has no objection to the Development Plan request. KEYS will

provide high voltage underground per KEYS policies and tariffs. KEYS will need to have a full set of plans and a project review form to ensure adequate power is supplied for the new project

and the existing customers.

LOCATION: Major Development Plan - 3200 N. Roosevelt Boulevard

COMMENT: KEYS has no objection to the Major Development Plan request.

The Developer will need to work with KEYS to determine clear locations for the pad-mounted transformers and high voltage underground per KEYS policies and tariffs. KEYS will need to have a full set of plans and a project review form to ensure adequate power is supplied for the new project and the existing customers.

Thank you for giving KEYS the opportunity to participate in the City's review process. If you have any questions, please call me at 305.295.1055.

Best regards

Matthew Alfonso

Supervisor of Engineering

Matthew.Alfonso@KeysEnergy.com

MA/cdc

Attachment

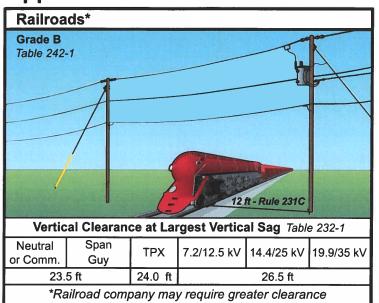
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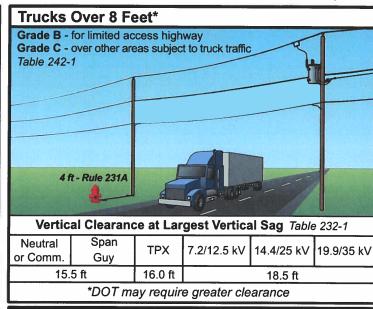
L. Tejeda, General Manager & CEO

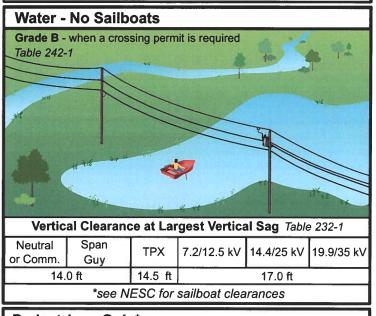
D. Sabino, AGM & Director of Engineering & Control

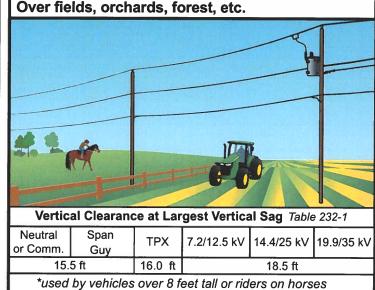
E. Zarate, Director of Customer Services

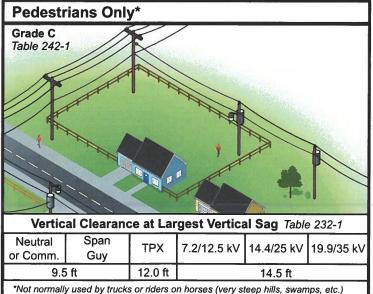
Application Guide for 2023 NESC Table 232-1 - see NESC for details and exceptions

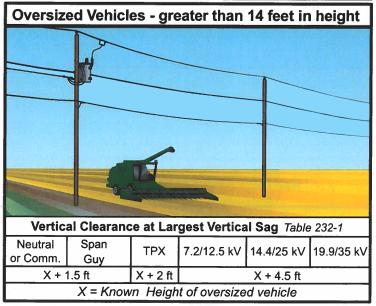






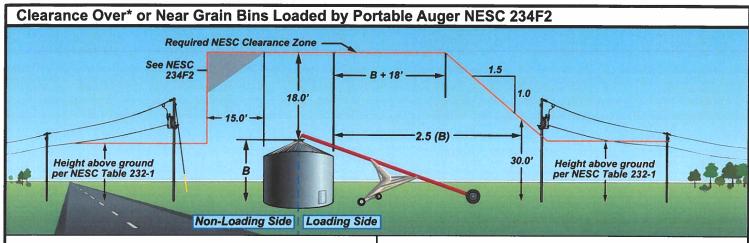








Application Guide for 2023 NESC - see NESC for details and exceptions



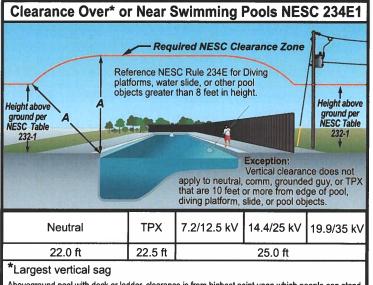
B = Vertical height to highest filling or probing port

Note: If B > 12 feet, vertical height of conductors is 30 feet at a distance equal to 2.5 times B

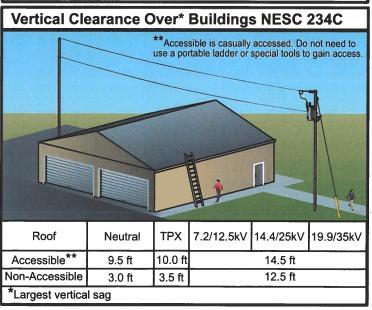
*Largest vertical sag

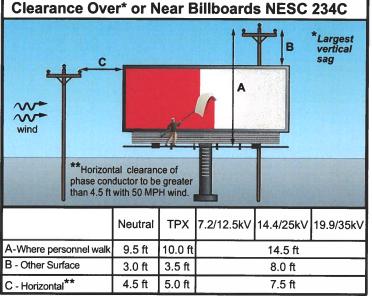
Non-Loading Side is when use of portable auger is limited by:

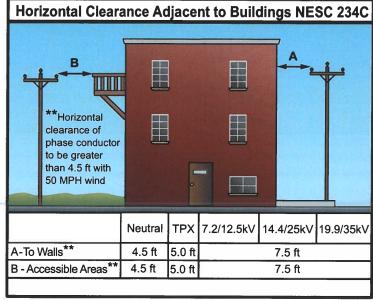
- 1. Permanent building/structure
- 3. Public road or other right of way
- 2. Physical obstruction
- 4. Designation or agreement



Aboveground pool with deck or ladder, clearance is from highest point upon which people can stand

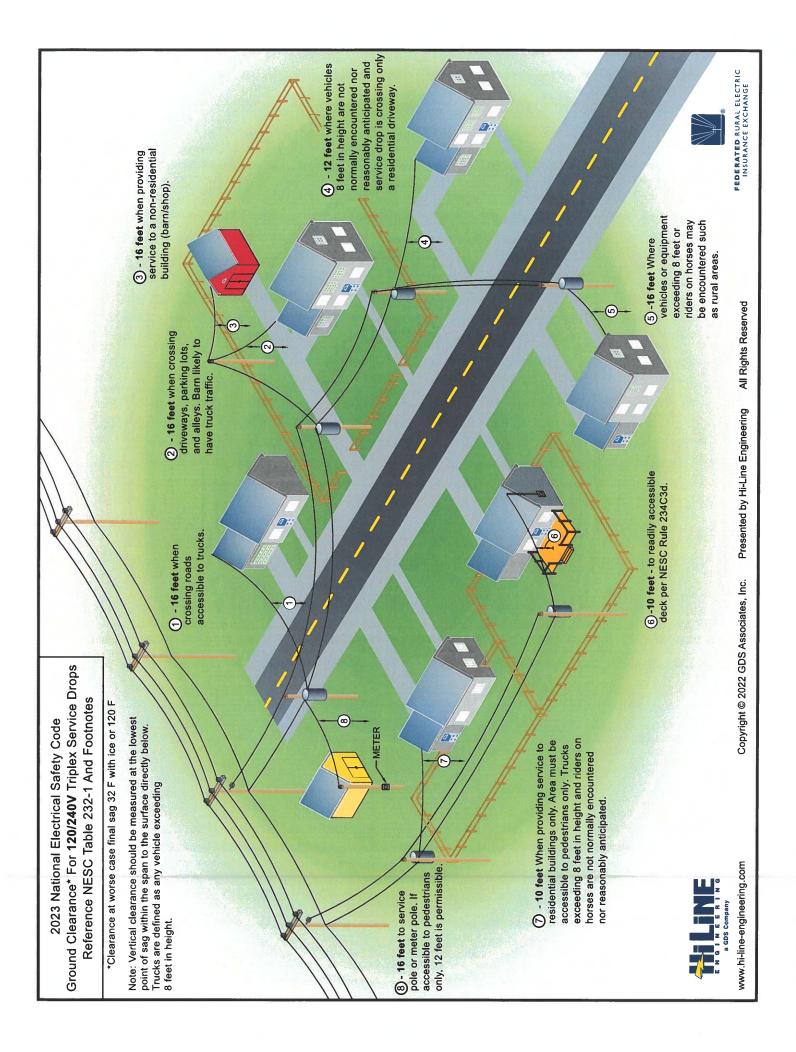




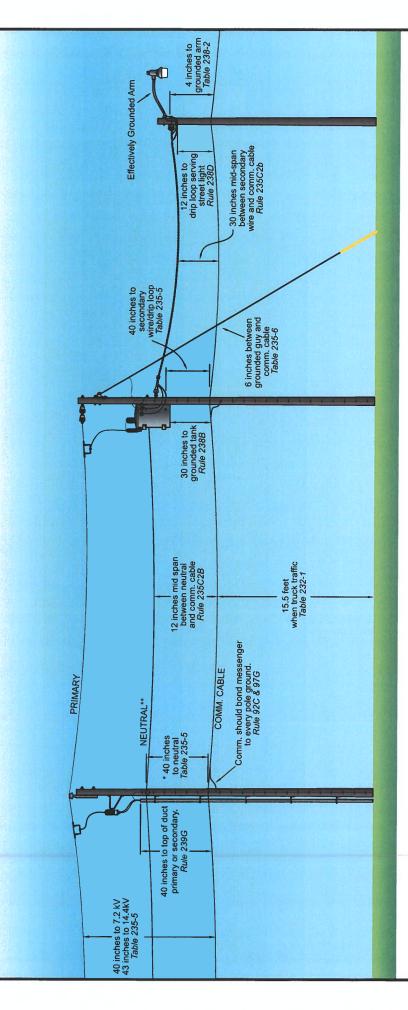








Summary of 2023 NESC Clearances to Communication Cables - see NESC for details and exceptions



- * 30 inches is allowed if the communication messenger is bonded to the neutral throughout the service area. Table 235-5
- clearance to communication cables in the communication space as a multi-grounded ** Fiber Optic Cables in the supply space (Rule 224A) will have the same required neutral (Rule 235C)

lines/facilities in the communication space Rule 235C4 space between lines/facilities in the supply space and A communication worker safety zone is vertical & 238E



FEDERATED RURAL ELECTRIC INSURANCE EXCHANGE

Guide for Operation of Equipment Near Power Lines and Customer Owned Poles to Power Lines - see NESC and OSHA for details and exceptions

