4.64. Viewer - Search sites/blocks/units/equipments by address

Id	4.64.
Description	As a **Viewer**, I must be able to search for sites, blocks, units or NTPs by address, So that I can determine the vertical cabling status of a given site, block, unit or NTP.
Priority	**High**
Actors	Viewer
API Calls	**GET** /sites **GET** /blocks **GET** /units **GET** /equipments **GET** /physical-links
Linked Processes	
Status	**Implemented**

Preconditions

1. The User must be authenticated and have the **Viewer** role.
2. The user must have an address to be looked up on the system.

Postconditions

1. The System returns the data that matches the request.

Main flow

1. The **User** triggers a search by address.
2. The system returns the resources that match the query.

Exceptions

[400 Bad Request] Invalid input:

If mandatory fields are missing or invalid, the system returns an error message.

[404 Not Found] Resource not found:

Error returned if the Server could not find any resource for the given search criteria.

[500 Internal Server Error] System Error

If the system fails to save changes due to an internal error, it displays an appropriate message and logs the error for further investigation.

Revision #1
Created 16 October 2025 11:12:59 by Sergio Sousa
Updated 16 October 2025 11:44:41 by Sergio Sousa