

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

<b>Id</b>	4.64.
<b>Description</b>	As a <b>Viewer</b> ,  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.
<b>Priority</b>	<b>High</b>
<b>Actors</b>	Viewer
<b>API Calls</b>	<b>GET</b> /sites <b>GET</b> /blocks <b>GET</b> /units <b>GET</b> /equipments <b>GET</b> /physical-links
<b>Linked Processes</b>	
<b>Status</b>	<b>Implemented</b>

## 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.

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Revision #1

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