

# Retrieve a Collection of Buildings

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## Retrieve a Collection of Buildings

This method is used to retrieve an array of buildings that satisfy search criteria.

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## Method

GET

## URL

<http://map-api.phunware.com/v1.1/buildings>

## Headers

X-Auth (see [Security](#))

## Query Parameters

Required parameters are underlined.

Parameter	Value	Description
<u>campusId</u>	integer	The identifier of the campus.
name	string	The name of the building.
draftStatus	string	Either "LIVE" or "DRAFT". Defaults to "LIVE".

## Example Query Fragment

```
{  
  "campusId": 1986  
}
```

URL-encoded, minified fragment:

```
%7B%22campusId%22%3A1986%7D
```

## Example Request

<b>GET</b>
<code>http://map-api.phunware.com/v1.1/buildings?%7B%22campusId%22%3A1986%7D</code>

## Response

A successful response will have a 200 status code and a body containing array of buildings that satisfy the query parameters:

```

"data":
{
  [
    {
      "id": <integer>,
      "campusId": <integer>,
      "name": <string>,
      "latitude": <float>,
      "longitude": <float>,
      "streetAddress": <string>,
      "createdAt": <string>,
      "updatedAt": <string>,
      "floors":
<objectcontainingdataforanyfloors>,
      "venueGuid": <string>,
      "location":
      {
        "latitude": <float>,
        "longitude": <float>
      },
      "externalId": <integer>
    },
    {
      "id": <integer>,
      "campusId": <integer>,
      "name": <string>,
      "latitude": <float>,
      "longitude": <float>,
      "streetAddress": <string>,
      "createdAt": <string>,
      "updatedAt": <string>,
      "floors": null,
      "venueGuid": <string>,
      "location":
      {
        "latitude": <float>,
        "longitude": <float>
      },
      "externalId": <integer>
    },
    ...
  ]
}

```

See [Mapping API Response Handling](#) for error payloads.

## Example Response

Example body of a successful response:

```
{
  "data":
  [
    {
      "id": 5,
      "campusId": 1986,
      "name": "Hyrule Castle Tower",
      "latitude": 30.25,
      "longitude": 97.75,
      "streetAddress": "123 Ocarina",
      "createdAt":
"2014-06-06T18:25:26Z",
      "updatedAt":
"2014-06-06T18:25:33Z",
      "floors": null,
      "venueGuid":
"03521872-2845-4024-896d-5fa0ab555c12",
      "location":
      {
        "latitude": 30.25,
        "longitude": 97.75
      },
      "externalId": 5
    },
    {
      "id": 2,
      "campusId": 1986,
      "name": "Hyrule Castle Graveyard",
      "latitude": 31.25,
      "longitude": 98.75,
      "streetAddress": "123 Spirit
Tracks",
      "createdAt":
"2014-06-06T18:25:26Z",
      "updatedAt":
"2014-06-06T18:25:33Z",
      "floors": null,
      "venueGuid":
"03521872-2845-4024-896d-5fa0ab555c12",
      "location":
      {
        "latitude": 31.25,
        "longitude": 98.75
      },
      "externalId": 2
    }
  ]
}
```