

## 22 Garnant Ward, Arcade Terrace Policy Unit

### 22.1 Area Description

The Arcade Terrace Policy Unit comprises the catchment associated with the Nant Main ordinary watercourse. This watercourse originates on the Garnant Golf Course. It flows initially in an open channel before being culverted at New School Road. It is culverted beneath the A474 Cwmamman Road before discharging back into an open watercourse on private land at Arcade Terrace.

### 22.2 Why is this area a Flood Risk Policy Unit?

The uFMfSW (EA, 2013) highlights this area to be at risk of flooding. These surface water flood maps are useful in highlighting the flood risk from small watercourses.

This indicates that properties at Cwmamman Road and Arcade Terrace are at risk of flooding.

### 22.3 Flooding Events

CCC have no record of any flooding in this area.

### 22.4 Flood Defence Capital Works undertaken by CCC

None

### 22.5 Flood Defence Assets

- New School Road Trash Screen
- Arcade Terrace Culvert

### 22.6 Routine Works and Maintenance

| Area                         | Works Undertaken      | When  |
|------------------------------|-----------------------|---|
| New School Road Trash Screen | Formal T98 Inspection | Annually                                      |
|                              | Debris management     | Weekly in the winter<br>Monthly in the summer |
| New School Road Culvert      | CCTV camera survey    | 2018,   |
| Arcade Terrace Outfall       | Formal T98 Inspection | Annually                                      |

### 22.7 Proposed Future Works

Undertake CCTV camera survey. Any structural or service faults will be actioned on a risk-based basis.

### 22.8 Flood Risk

#### 22.8.1 Map 1: Total Properties

Map 1 over the page displays data on the total number of properties at risk of flooding. Total properties can include dwellings, garages, commercial premises, industrial premises and similar structures.

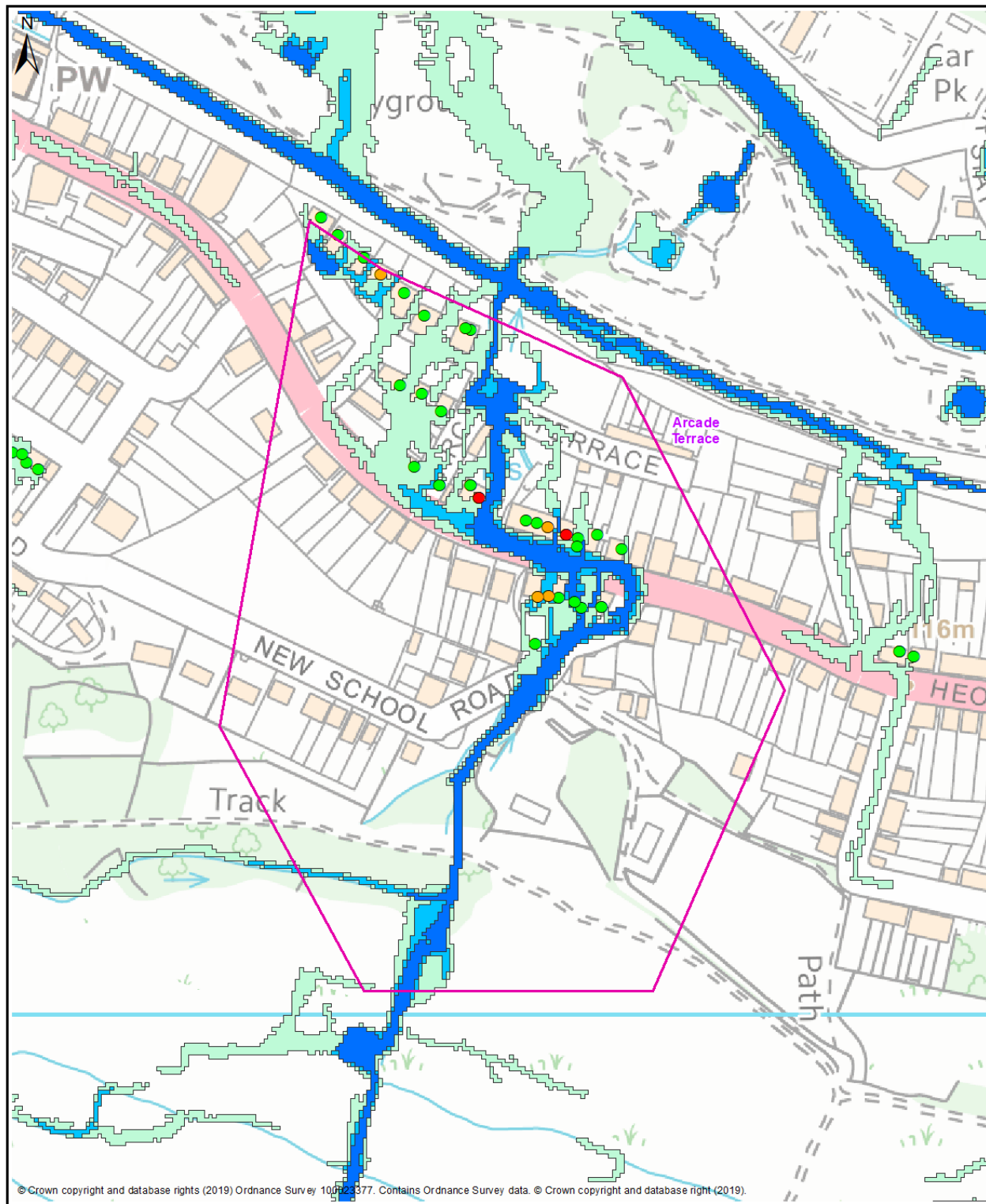
#### 22.8.2 Map 2: Dwellings and Services

Map 2 below displays data on the residential properties and services at risk of flooding.

#### 22.8.3 Map 3: Community at Risk Register (CaRR)

This is the most recent flood mapping from Welsh Government. This dataset depicts all properties at risk of pluvial (surface water) flooding in a storm event with a 1 in 100 probability.

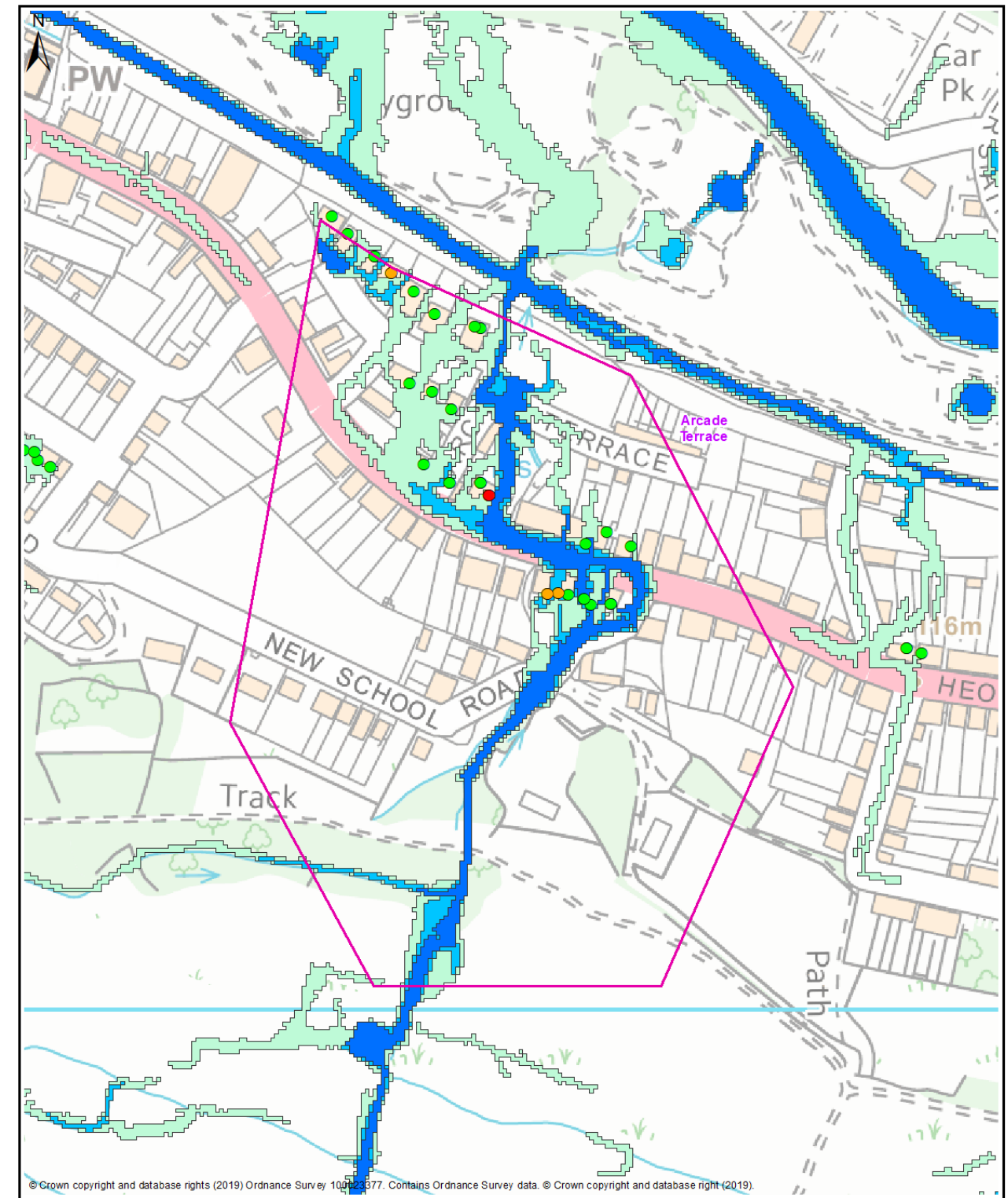
|                              | Number of specified units at risk of flooding |                                  |                                   |
|------------------------------|---|----------------------------------|-----------------------------------|
|                              | 1 in 30 probability storm event               | 1 in 100 probability storm event | 1 in 1000 probability storm event |
| Map 1 Total Properties       | 2   | 6                                | 31                                |
| Map 2 Dwellings and Services | 1   | 4                                | 25                                |
| Map 3 CaRR                   | n/a   | 14                               | n/a                               |



Map 1 - All Properties

Legend

- Policy Unit
- uFMFSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
- uFMFSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
- uFMFSW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event
- Q30 All Property Classes Flood Depth 150mm or Greater
- Q100 All Property Classes Flood Depth 150mm or Greater
- Q1000 All Property Classes Flood Depth 150mm or Greater



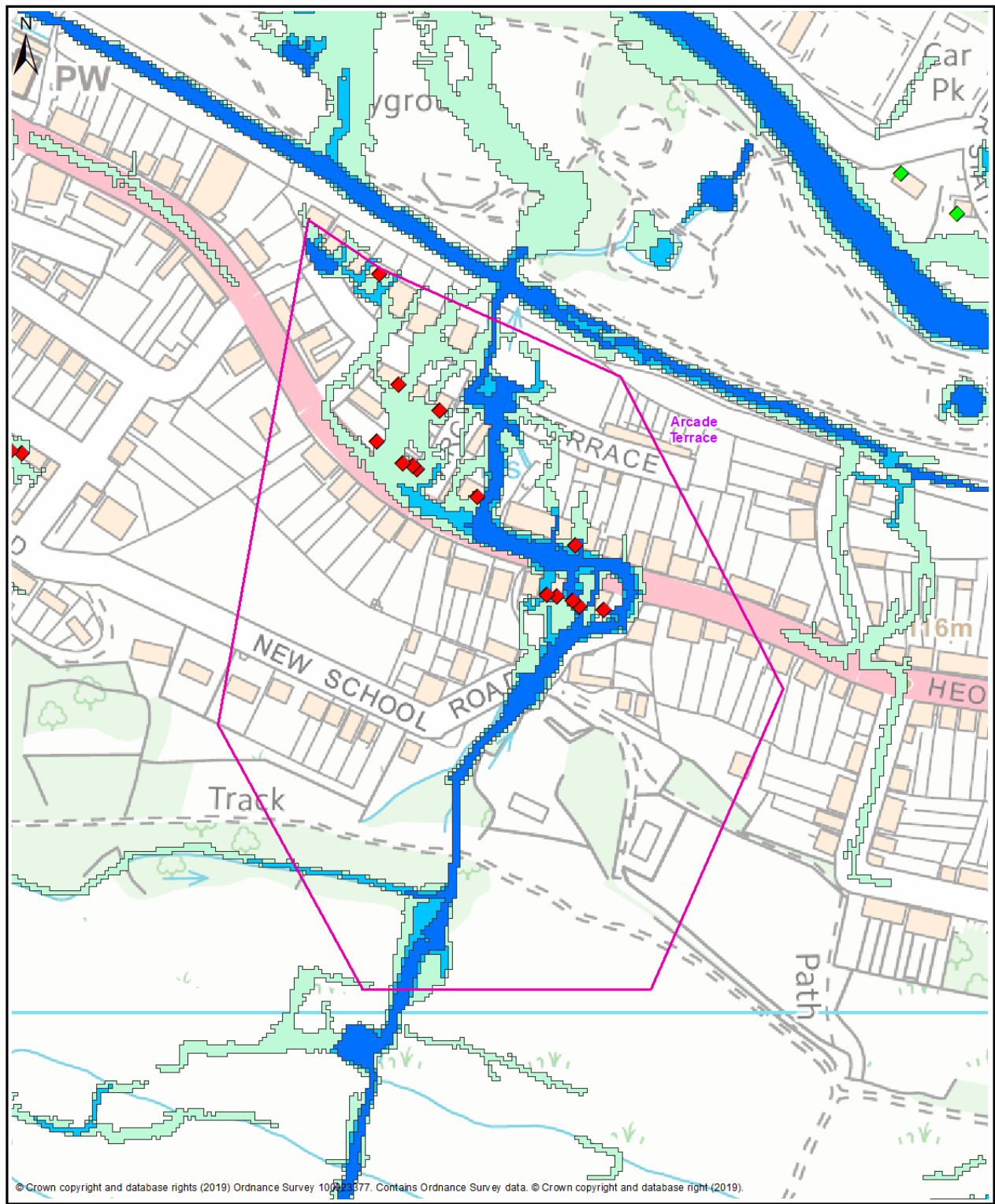
Map 2 - Dwellings and Services

Legend

- Policy Unit
- uFMFSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
- uFMFSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
- uFMFSW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event
- Q30- Dwellings Flood Depth 150mm or Greater
- Q100- Dwellings Flood Depth 150mm or Greater
- Q1000- Dwellings Flood Depth 150mm or Greater
- ▲ Q30- Services Flood Depth 150mm or Greater
- ▲ Q100- Services Flood Depth 150mm or Greater
- ▲ Q1000- Services Flood Depth 150mm or Greater

Garnant Ward  
Arcade Terrace Policy Unit





Map 3 - Communities at Risk Register

|  |   |
|--|---|
| <b>Gamant Ward</b>   |   |
| <b>Arcade Terrace Policy Unit</b>  |   |
| <p><b>Legend</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid pink; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Policy Unit</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: darkblue; margin-right: 5px;"></span> uFMSW Q30<br/>Surface Water Flood Outline<br/>1 in 30 Probability Storm Event</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; margin-right: 5px;"></span> uFMSW Q100<br/>Surface Water Flood Outline<br/>1 in 100 Probability Storm Event</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; margin-right: 5px;"></span> uFMSW Q1000<br/>Surface Water Flood Outline<br/>1 in 1000 Probability Storm Event</li> <li><span style="color: red; font-weight: bold;">◆</span> CARR Pluvial</li> <li><span style="color: green; font-weight: bold;">◆</span> CARR Fluvial</li> </ul> | <p>0    0.0325    0.065    0.13</p> <p>————— Km</p> |