



FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009

THE HIGHLAND COUNCIL

DRUMNADROCHIT FLOOD PROTECTION SCHEME 2019  
DESCRIPTION



## **1. General**

In exercise of the powers conferred upon them by the Flood Risk Management (Scotland) Act 2009 (hereinafter referred to as “the Act”) The Highland Council, established under the Local Government etc (Scotland) Act 1994 (hereinafter referred to as “the Council”) have prepared the following Flood Protection Scheme (hereinafter referred to as “the Scheme”) the purpose of which is to reduce the risk of flooding of residential and commercial properties within the village of Drumnadrochit near the west bank of Loch Ness arising from flows within the River Enrick.

The National Flood Risk Management Strategy was published by the Scottish Environment Protection Agency in December 2015 and the Local Flood Risk Management Plan was published by the Council in April 2016. Both identify the need for the Scheme as a recommended measure to alleviate flooding in the Inverness and the Great Glen Potentially Vulnerable Area (PVA) 01/21 in the first Flood Risk Management Cycle from 2016 – 2022. The implementation of the Scheme will address that need.

## **2. Terms of the Scheme**

The terms of the Scheme are as detailed in Sections 3 to 5 hereunder.

### 3. Description of the Operations

The Operations to be carried out in terms of the Scheme are as shown on the drawings marked, annexed and executed as relative hereto, and are as follows:

Drawing Number	Title	Revision
<b>Scheme Plans</b>		
2745-GA-001	Scheme Operations Plan	G
2745-GA-002	Drumnadrochit Flood Wall General Arrangement Sheet 1 of 2	P07
2745-GA-003	Drumnadrochit Flood Wall General Arrangement Sheet 2 of 2	P07
2745-GA-004	Main Embankment Plan	G
2745-GA-005	Kilmichael Wall Sections	F
2745-XS-001	Tree clearance plan (Sheet 1 of 2)	D
2745-XS-002	Tree clearance plan (Sheet 2 of 2)	C

#### ***Drumnadrochit Flood Defence Embankment***

**OP-01** Construction of an earth embankment 200m long, or thereby, from the A82 adjacent to the existing bus stop across the field to the west. The embankment shall have maximum side slopes no steeper than 1:2.5, a 1m crest width at a level of 31.82m Above Ordnance Datum (AOD) that includes a freeboard of 600mm. The embankment shall be constructed at ground level at the western end to a maximum height of 2.6m or thereby above the existing ground level at the eastern end. Two grassed ramps of 4m width or thereby, will provide landowner access across the embankment.

#### ***Drumnadrochit Flood Defence Wall***

**OP-02** Construction of a concrete wall between the A82 bridge over the River Enrick and Morlea. The flood wall will be 173m long, or thereby, and shall be faced with a natural stone façade and concrete coping stones. The defence level shall be 30.04m above ordnance datum (AOD) that includes a 600mm freeboard, and shall be constructed an average of 1.7m above the existing ground level, or thereby. A rock armour erosion protection layer shall be placed on the southern bank of the river of

105m length or thereby, with a rock size of 600mm or thereby. Existing surface water drains will pass under the flood defence wall, and these shall be closed with a non-return valve at the water's edge. Two outbuildings shall be removed and rebuilt after construction of the flood defence wall.

***Kilmichael Wall***

**OP-03** Construction of a concrete flood wall 158m long or thereby between the Enrick and the southern verge of the A831. The wall will be on average 0.5m above the existing ground with a maximum height of 900mm. It will have a defence level of 33.00m AOD at its western extent running to 32.70m AOD at its eastern extent, that includes a freeboard of 300mm. The existing surface water outfalls shall have non-return valves fitted to reduce the risk of flooding during high river levels

**4. Land**

The land which is affected by the operations and land where entry is required for the purposes of carrying out the operations are identified within the red boundary on the scheme plans 2745-GA-001 to 2745-GA-005.

**5. Cost**

The estimated cost for the Operations (March 2019) is £3,111,000 (three million one hundred and eleven thousand pounds sterling).

Made by The Highland Council on the ..... day of.....2019.

.....Proper Officer of the Council