



OPERATION	DESCRIPTION
OP 01	120m LONG OR THEREBY EARTH FLOOD EMBANKMENT AND DIVERTED CANAL TOE DRAIN, WITH ASSOCIATED 3m WIDE SHARED FOOTPATH/CYCLE WAY FROM CALEDONIAN CANAL TO THE SHORE LINE
OP 02	10m LONG OR THEREBY EARTH FLOOD EMBANKMENT WITH RAMPED VEHICULAR AND PEDESTRIAN ACCESS
OP 03	50m LONG OR THEREBY EARTH FLOOD EMBANKMENT AND SHARED FOOTPATH/CYCLEWAY. SEAWARD SIDE PROTECTED WITH ROCK ARMOUR
OP 04	ACCESS RAMP OVER FLOOD EMBANKMENT FROM GLENKINGIE STREET TO BEACH
OP 21	SURFACE WATER DRAINAGE SYSTEM TO MITIGATE THE EFFECTS OF SECONDARY SURFACE FLOODING.

- General Notes**
- All dimensions shown are in metres unless otherwise stated and levels in metres to Ordnance Datum.
 - Do not scale from this drawing.
 - This drawing is to be read in conjunction with:
 2013s7413-JBAU-00-00-DR-C-1001 - Chainage 0 to 2179.36m
 2013s7413-JBAU-00-00-DR-C-1002 - Chainage 0 to 76.80m
 2013s7413-JBAU-00-00-DR-C-1004 - Chainage 216.60 to 334.41m
 2013s7413-JBAU-00-00-DR-C-1005 - Chainage 334.41 to 471.90m
 2013s7413-JBAU-00-00-DR-C-1006 - Chainage 471.90 to 595.52m
 2013s7413-JBAU-00-00-DR-C-1007 - Chainage 595.52 to 720.51m
 2013s7413-JBAU-00-00-DR-C-1008 - Chainage 720.51 to 842.19m
 2013s7413-JBAU-00-00-DR-C-1009 - Chainage 842.19 to 942.70m
 2013s7413-JBAU-00-00-DR-C-1010 - Chainage 942.70 to 1091.89m
 2013s7413-JBAU-00-00-DR-C-1011 - Chainage 1091.89 to 1209.17m
 2013s7413-JBAU-00-00-DR-C-1012 - Chainage 1209.17 to 1335.97m
 2013s7413-JBAU-00-00-DR-C-1013 - Chainage 1335.97 to 1474.34m
 2013s7413-JBAU-00-00-DR-C-1014 - Chainage 1474.34 to 1589.43m
 2013s7413-JBAU-00-00-DR-C-1015 - Chainage 1589.43 to 1697.69m
 2013s7413-JBAU-00-00-DR-C-1016 - Chainage 1697.69 to 1824.43m
 2013s7413-JBAU-00-00-DR-C-1017 - Chainage 1824.43 to 1952.82m
 2013s7413-JBAU-00-00-DR-C-1018 - Chainage 1952.82 to 2080.00m
 2013s7413-JBAU-00-00-DR-C-1019 - Chainage 2080.00 to 2179.36m
 2013s7413-JBAU-00-00-DR-C-2001 - Flood Embankment Cross Sections 1 of 10
2013s7413-JBAU-00-00-DR-C-2002 - Flood Embankment Cross Sections 2 of 10
 2013s7413-JBAU-00-00-DR-C-2003 - Flood Embankment Cross Sections 3 of 10
 2013s7413-JBAU-00-00-DR-C-2004 - Flood Embankment Cross Sections 4 of 10
 2013s7413-JBAU-00-00-DR-C-2005 - Flood Embankment Cross Sections 5 of 10
 2013s7413-JBAU-00-00-DR-C-2006 - Flood Embankment Cross Sections 6 of 10
 2013s7413-JBAU-00-00-DR-C-2007 - Flood Embankment Cross Sections 7 of 10
 2013s7413-JBAU-00-00-DR-C-2008 - Flood Embankment Cross Sections 8 of 10
 2013s7413-JBAU-00-00-DR-C-2009 - Flood Embankment Cross Sections 9 of 10
 2013s7413-JBAU-00-00-DR-C-2010 - Flood Embankment Cross Sections 10 of 10
 2013s7413-JBAU-00-00-DR-C-3001 - Glenkingie Street Secondary Flooding Pumping Station - Plan and Schematic Long-Section
 2013s7413-JBAU-00-00-DR-C-3002 - Erracht Terrace Secondary Flooding Pumping Station - Plan and Schematic Long-Section
 2013s7413-JBAU-00-00-DR-C-3003 - Kilmallie Road Secondary Flooding Pumping Station - Plan and Schematic Long-Section
 - These plans are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 - The location, horizontal and vertical extents of the operations may vary by those limits (where applied) as noted in the Description of the Flood Protection Scheme.
 - The locations of any known services shown on drawing are approximate and for guidance only.
 - Diversion of any statutory undertaker apparatus will be carried out by or on behalf of the statutory undertaker under its own statutory powers.

Rev.:	Date	Drawn	S.B.	Designed	S.B.	Checked	I.F.	Approved	R.D.	
2										
Comments: Revised in line with comments (THC/JBA)										
1										
Comments: Revised in line with comments (THC/JBA)										
Rev.:	Date	Drawn	A.W.	Designed	A.W.	Checked	I.F.	Approved	R.D.	
Client Approval										
A - Approved										
B - Approved with Revisions										
C - Do Not Use										
Purpose of Issue	For Consultation							Status	S4	

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Project Caol & Lochyside Flood Protection Scheme

Title Scheme Layout Plan
Chainage 76.80 to 216.60m

Client The Highland Council
Comhairle na Gàidhealtachd

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Scale	1:200 @ A1	Drawn:	B Henderson	16.12.16
		Designed:	N. Tourigny	16.12.16
		Checked:	I. Ferguson	09.01.17
		Approved:	R. Dobson	09.01.17

Project Number:	2013s7413	Revision	
Drawing Number:	2013s7413-JBAU-00-00-DR-C-1003		2

LEGEND

EXISTING WATERCOURSE / SEA	OUTFALL APRON	PROPOSED MANHOLE	Scottish Water - Combined Storm Overflow
REPROFILED GROUND	PROPOSED SURFACE WATER DRAINAGE	FLOOD EMBANKMENT	Scottish Water - Surface Water
FOOTPATH (SURFACED ASPHALT)	LIMITS OF LAND AFFECTED BY OPERATIONS	EXISTING CULVERT	Scottish Water - Foul Water
SHARED CYCLE / FOOTPATH (SURFACED ASPHALT)	OPERATION ARROW	TREE OR GROUP TO BE RETAINED	Scottish Water - Distribution Main
ACCESS RAMP (CONCRETE)	OPERATION CONTINUATION MARKER	TREE OR GROUP TO BE REMOVED	Crown Estate / BSW - Water Pipe
VEHICLE ACCESS (SURFACED ASPHALT)	SECTION MARKER	SSE - Underground Low Voltage	British Telecom - Overhead
VEHICLE ACCESS (UNSURFACED)	LINEAR DRAINAGE CHANNEL	Unknown Utility - Pipe	British Telecom - Proposed Underground
ROCK ARMOUR SIDE SLOPES	FLOOD WALL	The Highland Council - Street Lighting	British Telecom - Underground
	FLOOD GATE		SSE - Overhead 11kV High Voltage
			SSE - Underground 11kV

