



- Notes**
- These plans are in accordance with the requirements of Section 60 and Schedule 2 of the Flood Risk Management (Scotland) Act 2009.
 - Information received from statutory undertakers has been used to identify approximate locations of services, exact locations of these services will be determined during detailed design.
 - Drawing to be read in conjunction with :
 SC-JBA-00-00-DR-C-0100
 SC-JBA-02-04-DR-C-0100
 SC-JBA-02-04-DR-C-0102
 SC-JBA-02-04-DR-C-0103
 SC-JBA-02-04-DR-C-0104
 SC-JBA-00-00-RP-Z-0006_FPS Document
 - 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.
 - Diversion of any statutory undertaker apparatus will be carried out by or on behalf of the statutory undertaker under its own statutory powers.
 - Maximum slope gradient post excavation to be 1:3 with slacker gradients used where possible to restore natural embankment appearance.
 - New gravel footpath with Hoggin finish constructed in line with Highland Council Road and Transport Guidelines Section 7.
 - Topsoil strip to be retained for use in the works landscaping.
 - West boundary fence to be removed and reinstated with new metal post and mesh fence 1.2m high or thereby.
 - Fence to be removed and reinstated with a close boarded timber fence . Where the fence line spans the open channel watercourse a water-gate will be inserted. Height of fence 1.5m or thereby. Water-gate height to be based on channel dimensions.
 - Optimum tree species and size specification TBC in proposed areas of new tree planting.

This is the plan marked SC-JBA-02-04-DR-C-0101 referred to in the Smithton & Culoden Flood Protection Scheme 2016 made by The Highland Council.

OPERATION	DESCRIPTION
MT-01	CONSTRUCTION OF 12m, OR THEREBY, OF REINFORCED CONCRETE CHANNEL TO FORM AN EARTH EMBANKMENT RETAINING STRUCTURE AND TRANSITION BETWEEN THE EXISTING RAILWAY BRIDGE/EMBANKMENT AND THE NEW OPEN CHANNEL WATERCOURSE.
MT-02	CONSTRUCTION OF 144m, OR THEREBY, OF RESTORED WATERCOURSE TO REPLACE THE EXISTING CONCRETE CULVERT, WHICH WILL BE REMOVED OR MADE INOPERABLE

Rev.:	Date	Drawn	Checked	Approved	RD			
P4.0	19/04/16	JR	Designed	SC	Checked	SC	Approved	RD
P3.0	08/04/16	AC	Designed	SC	Checked	SC	Approved	RD
P2.0	11/01/16	JR	Designed	SC	Checked	DB	Approved	RD
P1.3	16/10/15	LA	Designed	ST	Checked	SC	Approved	
P1.2	07/10/15	SO	Designed	ST	Checked	SC	Approved	
P1.1	01/10/15	JR	Designed	ST	Checked	SC	Approved	

Client Approval	
A - Approved	
B - Approved with Revisions	
C - Do Not Use	
Purpose of Issue	Status
For Consultation	S4

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Project
 Smithton & Culoden Flood Protection Scheme

Title
 Flood Protection Scheme Drawings
 Zone 2 Murray Terrace Plan
 Sheet 2 of 3
 for

Client
 The Highland Council
 Comhairle na Gàidhealtachd

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Scale	1:100 @ A1	Drawn:	J. Redpath	26/08/15
		Designed:	S. Cooney	25/08/15
		Checked:	S. Cooney	26/08/15
		Approved:	R. Dobson	26/08/15
Project Number:	2013s7134			
Drawing Number	SC-JBA-02-04-DR-C-0101	Revision		
				P4.0

LEGEND

OPEN CHANNEL WATERCOURSE	REPROFILLED GROUND	GRASSCRETE SURFACE	EXISTING TREES (TO BE RETAINED)
NEW BRIDGE	FLOOD EMBANKMENT SEE NOTES	PROPOSED AREAS OF NEW TREE PLANTING SEE NOTES	TREES TO BE REMOVED (ALL OTHER TREES TO BE RETAINED)
EROSION PROTECTION	FLOOD STORAGE BASIN	RETAINING WALL	5m HINGED LIGHTING COLUMN
CONCRETE STRUCTURE	EMBANKMENT TOE PROTECTION AND SWALE PROTECTION	LIMITS OF LAND AFFECTED BY OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSES OF CARRYING OUT THE OPERATIONS	SECTION MARKER
GRAVEL FOOTPATH	GRAVEL VEHICLE ACCESS TRACK TO FPS STRUCTURES FOR MAINTENANCE		

EXISTING SERVICES

— SW —	SURFACE WATER SEWER
— CS —	COMBINED SEWER
— FS —	FOUL SEWER
— WM —	WATER MAIN
— BTO —	BT OVERHEAD
— BTU —	BT UNDERGROUND
— ECO —	ELECTRICITY OVERHEAD
— ECU —	ELECTRICITY UNDERGROUND
— GAS —	GAS

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