



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.

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- 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-0101  
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-0102 referred to in the Smithton & Culoden Flood Protection Scheme 2016 made by The Highland Council.

Rev.	Date	Drawn	Designed	SC	Checked	SC	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	05/02/16	JR	Designed	SC	Checked	RD	Approved	DB
P1.3	16/10/15	LA	Designed	SC	Checked	SC	Approved	
P1.2	07/10/15	SO	Designed	ST	Checked	SC	Approved	
P1.1	21/09/15	JR	Designed	SC	Checked	Approved		

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

**JBA**  
 Port Neuk  
 1 Longcraig Road  
 South Queensferry  
 EDINBURGH  
 EH30 9TD  
 United Kingdom  
 www.jbaconsulting.com  
 t +44 (0)131 3192940  
 f +44 (0)145 8627772  
 e info@jbaconsulting.com

Offices at: Colehill, Doncaster, Edinburgh, Exeter, Haywards Heath, Limerick, Newcastle upon Tyne, Newport, Saltire, Skipton, Tadcaster, Thirsk, Walsingham and Warrington.

Project: **Smithton & Culoden Flood Protection Scheme**

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

Client: **The Highland Council  
Comhairle na Gàidhealtachd**

Scale	1:200 @ A1	Drawn: J. Redpath	25/08/15
		Designed: S. Cooney	24/08/15
		Checked: S. Cooney	25/08/15
		Approved: R. Dobson	25/08/15
Project Number:	2013s7134		
Drawing Number	SC-JBA-02-04-DR-C-0102	Revision	P4.0

<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li> OPEN CHANNEL WATERCOURSE</li> <li> NEW BRIDGE</li> <li> EROSION PROTECTION</li> <li> CONCRETE STRUCTURE</li> <li> GRAVEL FOOTPATH</li> <li> REPROFILED GROUND</li> <li> FLOOD EMBANKMENT SEE NOTES</li> <li> FLOOD STORAGE BASIN</li> <li> EMBANKMENT TOE PROTECTION AND SWALE PROTECTION</li> <li> GRAVEL VEHICLE ACCESS TRACK TO FPS STRUCTURES FOR MAINTENANCE</li> <li> GRASSCRETE SURFACE</li> <li> PROPOSED AREAS OF NEW TREE PLANTING SEE NOTES</li> <li> RETAINING WALL</li> <li> LIMITS OF LAND AFFECTED BY OPERATIONS AND OF LAND UPON WHICH ENTRY IS REQUIRED FOR THE PURPOSES OF CARRYING OUT THE OPERATIONS</li> </ul>	<p><b>EXISTING SERVICES</b></p> <ul style="list-style-type: none"> <li> SURFACE WATER SEWER</li> <li> COMBINED SEWER</li> <li> FOUL SEWER</li> <li> WATER MAIN</li> <li> BT OVERHEAD</li> <li> BT UNDERGROUND</li> <li> ELECTRICITY OVERHEAD</li> <li> ELECTRICITY UNDERGROUND</li> <li> GAS</li> <li> EXISTING TREES (TO BE RETAINED)</li> <li> TREES TO BE REMOVED (ALL OTHER TREES TO BE RETAINED)</li> <li> 5m HINGED LIGHTING COLUMN</li> <li> SECTION MARKER</li> </ul>	<p><b>COMPENSATORY PLANTING KEY</b></p> <ul style="list-style-type: none"> <li> RED OAK</li> <li> SYCAMORE</li> <li> BLACK POPLAR</li> <li> ROWAN</li> <li> BEECH</li> <li> HAWTHORN</li> <li> BIRCH</li> <li> BIRD CHERRY</li> </ul>
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