

Port of Dundee

**Metal Processing &
Decommissioning Facility**

**Headwall Construction
Method Statement**

April 2020



FORTH PORTS
DUNDEE

FAIRHURST

CONTROL SHEET

CLIENT: Port of Dundee Limited
PROJECT TITLE: Port of Dundee Metal Processing & Decommissioning Facility
REPORT TITLE: Headwall Construction Method Statement
PROJECT REFERENCE: 130143
DOCUMENT NUMBER: D/I/D/130143/40
STATUS: Draft

Issue & Approval Schedule		Name	Signature	Date
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Revision Record	Rev.	Date	Status	Description	Signature		
	1					By	
						Check	
						Approve	
	2					By	
						Check	
						Approve	
	3					By	
						Check	
						Approve	

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1.0 Proposed Development

- 1.1 The location of the proposed redevelopment is shown on Drawing Number 130143/2101, a copy of which accompanies this submission. The works will involve:
- The installation of a 375mm concrete drainage pipe outfall with an invert level of approximately 2.69m OD.
 - Installing a precast headwall to house the outfall pipe.
 - Minor excavations and refilling around the pipework and headwall through the existing rock revetment on the river bank. Some refilling around pipework and to the base of the headwall will be in mass concrete. The crown of the pipe will be above MHWS. Refilling the trenches above the pipe bedding will be in granular engineered fill, such as Type 1.
- 1.2 These works are primarily being undertaken in order to control and manage surface water runoff, facilitating the drainage of the new Metal Processing Facility at the Port, which is located immediately north of the new outfall.

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- 1.3 The proposed pipes and headwall are to be fabricated offsite and stored on site prior to installation. Pipes and the headwall will be precast concrete.
- 1.4 In order to develop the new outfall, minor earthworks are involved including trenching and ground treatment to fit the pipe and headwall. The rock armour at the location of the proposed outfall may need to be removed or repositioned. Where necessary to temporarily remove the rock during construction, the rock will be temporarily stored on land.
- 1.5 Before placing the outfall pipe and headwall, a compacting fill, including plain concrete, will be laid for foundation. The outfall pipe with the precast headwall would then be positioned at the specified line and levels as shown on the accompanying drawings. Unreinforced concrete will be used to form a foundation and to backfill around the pipes and rear of headwall. The trenches will then be fully backfilled to the design ground level using granular made ground.

- 1.6 The construction works are anticipated to commence in August 2020. The proposed outfall and headwall construction itself will take place over a potential aggregate duration of up to 10 days, with the timing within the overall programme to be confirmed.

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