GallifordTry	plc

METHOD STATEMENT

	er Refurbishment	05553	North Berwick MS-0		
Subject: Refurbishment MS					
r: ew Anderson		Date Produced: Monday 01/05/19			
Scope of the Works:	is in poor condition. Scope is to g	grit blast the outside wall o	f the sewer and refurbish with		
Date(s) to be Carried out:	TBC once Marine License is in pl	ace.			
Precise Location:	Beach side to the rear of Forth Stre	et, North Berwick (in front of t	he sea wall).		
Access / Egress & Deliveries:	same area. All deliveries will be acc	epted at this address. All site	works are within a secured site		
Methodology:	Site prep:				
	commencing. 2) Site to be secured using a length of fencing is 160m	Heras fencing (3.5m L x 2m F , with triangulation strengther	, 38mm dia tubing). Approx ing points every 5 panels.		
	Excavations / Temporary Works:				
	sewer over approximately temporarily removed over 2) Protective sheeting to be	/ 30m in length. (approx 3.5t r full length (in preparation of attached to Heras panels.	of as found sand/shingle the grit blasting).		
	drawing 5029960018-SN	-DRA-01-0002	/ trench side protection – see		
		m around the existing sewer	will be prohibited.		
	6) Morrison Construction to loose concrete. This mate	erial will be bagged up and re			
r	ishment MS : w Anderson Scope of the Works: Date(s) to be Carried out: Precise Location: Access / Egress & Deliveries:	ishment MS w Anderson Scope of the Works: The existing 800mm diameter pails in poor condition. Scope is to g a new coating, 5 No. concrete mail undertaken. Date(s) to be Carried out: TBC once Marine License is in pl TBC once Marine License is in pl Recise Location: Beach side to the rear of Forth Stree Same area. All deliveries will be acc with access to the trunk sewer via to Site prep: () Residents/businesses aff commencing. Site prep: () Residents/businesses aff commencing. Site to be secured using i length of fencing is 160m Approx 65 panels, 54 cor Excavations / Temporary Works: () Morrison Construction wit sever over approximately temporarily removed over () Protective sheeting to be () Protective	ishment MS Date Produced: Monday 01/05/19 Scope of the Works: The existing 800mm diameter partially above ground concret is in poor condition. Scope is to grit blast the outside wall or a new coating. 5 No. concrete manholes to also receive simi undertaken. Date(s) to be Carried out: TBC once Marine License is in place. Precise Location: Beach side to the rear of Forth Street, North Berwick (in front of the same area. All deliveres will be accepted at this address. All site with access to the trunk sewer via the existing access ramp from Methodology: Site prep: 1) Residents/businesses affected by work to notified by S commencing. 2) Site to be secured using Heras fencing (3.5m L x 2m F length of fencing is 160m, with triangulation strengther Approx 65 panels, 54 concrete footing stools, 130 stail sewer over approximately 30m in length. (approx 3.5tri temporarily removed over Lill length (in preparation of 2) Protective sheating of the set of the rear and rule with triangulation strengther Approx 65 panels, 54-concrete footing stools, 130 stail sewer over approximately 30m in length. (approx 3.5tr temporarily removed over Lill length (in preparation of 2) Protective sheating to be attached to Heras panels. 3) Plywood sheets (maine grade approx 100No.) and sa No.) built up in layers will be used to provide temporari drawing 502950018-SN-DRA-01-002 Works to be undertaken during lowest idel conditions. 5) Pumping of sea water from around the existing sewer		

METHOD STATEMENT

		 Approx. 45 sheets of mesh will be required over entire trunk sewer length. 8) Flexcrete Cemprotec elastic cementitious coating is then sprayed / applied using a compressor. Application will be in a 2mm thick layer. (approx. 2T of new Flexcrete to be applied). 9) A second 1mm coat will then be applied containing a pigment to match existing colour. 10) At the start of each shift if the tide has affected the temporary works, then it will be re-excavated / secured before recommencing rehabilitation works. 11) Once complete the area will be reinstated to the condition prior to work commencing. Refurbishment works (manholes): 12) All five manholes will be grit blasted using the same technique as detailed above (approx 3.5 tonnes of material to be removed from site and taken to licensed tip.) 13) Webercem mortar will then be trowel applied to the areas where required within the manholes to both horizontal and vertical surfaces. (approx 3.5t of Webercem added to existing manhole structures). Confined space working: 14) See document (HS&S-FRM-C02-01) 	
6.0	Significant Health, Safety & Environment Risks:	 Operatives/Service Strikes with Heavy Plant Traffic/Pedestrian Management Working near buried services Working with and near plant. Lifting Operations Leptospirosis A project risk assessment can be found in the site folder	
7.0	Risk Assessments Attached:	 A daily risk assessment will be undertaken on the day of the works by the site supervisor (Health & Safety and Environmental Risk Assessments) A project risk assessment can be found in the site folder A daily risk assessment will be undertaken on the day of the works by the site supervisor 	
8.0	COSHH Assessments Attached:	A COSHH assessment can be found in the site supervisor's folder	
9.0	Personnel:	 1no. plant ops 2no. main-layers 3) 1no. site foreman 	
10.0	Plant & Equipment:	nt: 1) 1no. 13 tonne tracked digger 2) Buckets/straps/chains 3) G-CAT&GENNY4+ 4) Insulated shovels 5) Ratchets/spanner sets for bolting up fittings 6) Grit blasting equipment and compressor	
Ref:H	S&E-FRM-H03-02 Iss	ue 6 Revision 00 Date: June 2011 Page 2 of 3	

METHOD STATEMENT

		 7) 2no. 2KVA Generator 8) Spill kit / plant nappy 9) Stihl saw with 12" blades
11.0	Materials:	Webercem Mortar GEO80 mesh sheets Flexcrete comprotec
12.0	Communication & Responsibilities:	All communication to be as follows: TBC
13.0	Temporary Works:	Requirement for Temporary works / ground conditions on site to be continually monitored by site foreman.
14.0	Emergency Procedures:	Emergency procedures can be found in the Morrison Construction site supervisor's folder and are also explained in the site induction and documentation can be found in the site cabin at the following address: TBC
15.0	Permits to Work Required:	Break Ground (HS&E-FRM-E02-03) X Other (please specify)
16.0	Hold Points:	Welfare arrangements: Morrison Construction will have welfare facilities on site