

Method Statement and Risk Assessment



3117. – Bridge of Dee, Aberdeen

Installation of Scour Protection

Start Date	May 2024	Finish Date	December 2024
RAMS Number	002	Issue No	A02
CPP Number	3117	TI Project Number	3117

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DISTRIBUTION LIST

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VERSION CONTROL

VERSION NUMBER	SUMMARY OF CHANGES	NAME
A00	Initial Draft	George Jamieson
A01	First Issue	George Jamieson
A02	Update following Public Consultation	George Jamieson

CONTENTS

1. Introduction	4
Brief outline of work methodology	4
Contractor’s delivery organisation	7
Specialist Contractors and Sub-Contractors	8
2. Resources	8
Approved for Construction Design Documents	8
People	8
Plant, Equipment and Tools	8
Materials	9
Site Mandatory Personal Protective Equipment Requirements	9
Task Specific Personal Protective Equipment Requirements	9
3. Working Together	9
At site communication	9
Contact details (External Stakeholders)	9
Other parties involved with the package of work (interfaces details)	10
4. Hazard Management	10
Work involving particular risks	10
Significant construction risks	10
TI Golden rules (Tick applicable rules per Task ✓)	12
Previous Incidents relating to these tasks – consult HSQE Team for further details	13
5. Environmental and Waste Management Arrangements	13
Environmental Management Arrangements	13
Waste Management Arrangements	13
6. Emergency Arrangements	13
Site emergency arrangements	13
First aid arrangements	14
Evacuation arrangements	14
Fire safety arrangements	14
Security arrangements	15
Summoning emergency services	15
Asbestos	15
Utilities	15
7. Method Statement Arrangements	16
Site Layout	16
Access and Egress	16
Welfare	17
Traffic Management	17
8. Quality Requirements	17
9. Hand Over and Hand Back Arrangements	17
Hand over and hand back arrangements	17
10. APPENDICES – Supporting information	18
11. Method Statement and Risk Assessment Briefing	20

1. Introduction

Brief outline of work methodology

The following tasks support this Method Statement:

Task Briefing Title	Installing Site Compound and Access Road	Contractor	Taziker
TBS Reference	3117-TBS-001	Activity Start date	

Upon confirmation that all land access arrangements are in place Taziker site management shall mark out the proposed compound area and carry out a CAT scan of the area to confirm the location of any buried services in conjunction with a review of available service information. A 'permit to Break Ground' will be issued prior to any excavations or ground breaking activities.

Access will be formed off Riverside Drive as per diagram overleaf.

A haul road and compound area will be installed as per diagram below. Pedestrian management will be in place for work around/crossing the core path.

Plant (8t Excavator, 5t dumper and 120 bomag roller) will be delivered to site on the back of a low loader, which will be parked on Riverside Drive. Traffic Management and parking suspensions will be set up on Riverside Drive to allow access to the site.

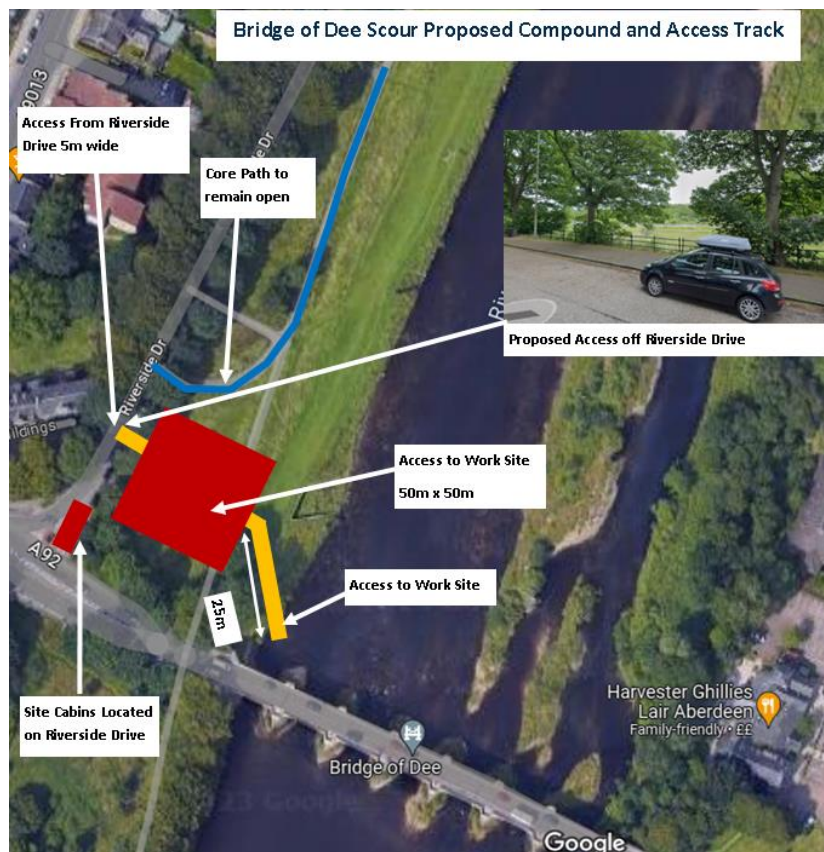
A drop kerb will be installed and the existing fencing remove and stored for reinstatement at the end of the project.

Any vegetation and organic material will be scrapped off the top of the surface using an excavator, this will be stock piled for reinstatement at the end of the project. Geotextile will be laid to the pre marked area to protect the underlying soil. Granular fill will then be laid to form an access road and laydown area, the roller will then compact as per highways specifications.

An access road will be formed from the site compound area to the work area.

No works in the water will be allowed before 1st June due to the smolt migration window.

A designated access point will be installed over the flood alleviation culvert as per temporary works design, detail to be confirmed.



TI Project No: 3117
Issue No: A02
Date: 16/08/2023

Task briefing Title	Installation of Temporary Dam	Contractor	Taziker
TBS Reference	3117-TBS-002	Activity Start date	

No works in the water will be allowed from prior to 1st June due to the smolt migration window.

All operatives will wear the following PPE as a minimum:
Boots with metatarsal protection, orange high visibility long sleeve top, orange high visibility trousers, hard hat with chin strap, cut-3 gloves, and hearing protection.

All operatives will be trained in water rescue, proof of which will be recorded during induction.

The site manager will regularly check weather forecasts for warnings of the rise of the river level. Any operative that notices a rapid rise in the water level must raise the alarm and inform the site manager.

Before work commences, an assessment will be made on the condition of the river and the riverbank. If the operatives feel it is not safe to enter the water, they must inform the site manager who will rectify the situation.

At least one operative will always remain on the bank to aid with passing materials and equipment to a minimum of 2 operatives, in the watercourse.

The temporary dam will be installed in 4no. phases as show in the appendix 10.

Joining of the frames will take place from the bank moving out into the watercourse or vice versa.

Frames will be lifted into the water by hand, each frame will be connected to the next by means of a connection bar with two scaffold clips. This will be tightened up by a threaded bolt and nut. Frames will be systematically placed along the desired path unless any unmovable objects are discovered within the watercourse. An alternative route will have to be identified by the site manager to use if water depths allow.

The sheet membrane for the face of the dam will be prepared on the bank. This membrane will have an integrated weight along one leading edge. Enough membrane will be prepared to sheet the entire dam including corners.

Operatives in front of the dam will take the weighted leading edge of the membrane and walk back away from the dam, ensuing to keep the membrane above the water level, to its desired position. The sheet will then be placed under the water. The weight of the water will push the sheet down to the bed creating a hydrostatic seal. This process will be repeated until the length of dam is covered.

Pontoon cubes may be used when placing sheet. This will aid operatives working in deeper waters.

During the dewatering process the dam will be monitored by Robert Nicholas operatives.

The dewatering will be by 2 No Super-silent pumps size TBC.

One pump will be constantly running with the other in reserve if the first pump fails.

Operatives will be observing the frames for settling into the bed and any unforeseen rise in water levels.

Any water seepage through the bed of the watercourse or points where the dam joins to watercourse banks, or flood walls, will be addressed at this point by using sandbags and/or sump pumps being deployed within the dewatered works area.

At this point an access causeway will be constructed downstream of the bridge using Rock-armour or similar single sized material to allow machines access to the de-watered area. This will be constructed using a 360 excavator and a dumper. Any machines working in the water will have bio-oil.

Task briefing Title	Scour Repairs to Pier Aprons and North Abutment	Contractor	Taziker
TBS Reference	3117-TBS-003	Activity Start date	

Working in phases as per Appendix 10

River/tide levels will be monitored throughout the construction. If there is any sudden rise in the water level, work is to stop, and the site manager informed.

All work will be done once the area has been de-watered. No work to commence if flood conditions are forecast.

The existing perimeter of the pier apron to be broken back using hydraulic breaker by circa. 250mm, (designer to confirm depth) to allow the scour under the apron to be exposed. Using an excavator a trench will be dug around the perimeter of the pier apron, steel sheet piles will then be placed into the trench to the require embedment level and then the trench will be back filled, the sheet piles are sacrificial formwork, therefore there is no requirement to drive the piles into the river bed. The sheet piles will be pinned back into the apron to ensure they are secured prior to the

TI Project No: 3117
Issue No: A02
Date: 16/08/2023

concrete pour. Prior to sheet piling being installed a polythene sheet will be placed against the existing pier, this will be pulled back against the sheet pile to form containment of any contamination / grout loss.

A pre pour check to be completed by the site manager and supervisor.

The concrete will be delivered in a mixer truck and pumped to the required point using a mobile concrete pump. For phase 1 this will be from the river bank for phases 2,3&4 the access scaffold will be used to carry the pump nosing.

The pump driver will operate the pump while two operatives will control the discharge. Communication between the driver and the operatives will be by two-way radios.

The concrete level will be checked by the engineer and/or the site manager, for compliance with the designer's instructions.

Once the concrete has cured the tops of the sheet piles will be cut down using a oxy-propane burning torch and then a rubber tender attached using bolts as per manufactures guidance. The pitching stone on top of the pier apron will then be reinstated to match existing.

Task briefing Title	Installation of Grout Mattress	Contractor	Taziker
TBS Reference	3117-TBS-004	Activity Start date	

Working in phases as per Appendix 10

River/tide levels will be monitored throughout the construction. If there is any sudden rise in the water level, work is to stop, and the site manager informed.

All work will be done once the area has been de-watered. No work to commence if flood conditions are forecast.

Once the area has been dewatered a 360 excavator will enter the area and, with the aid of a dumper, will excavate the river bed to the formation level as specified in the drawings, Any low areas will be raised to the formation level using site material. The bed material is to be stock piled on site for reinstatement on top of the concrete mattress once complete.

The levels will be controlled by a rotating laser level set on the riverbank and monitored by a site engineer.

A banksman will be in attendance to ensure no damage is done to the existing piers.

The perimeter of the grout mattress will be toed into the river bed, therefore a 1000mm v-trench will be excavated as per construction drawings.

Hold Point:

The area and levels will be checked by the site engineer prior to the placement of any concrete mattresses.

The concrete mattresses will be placed by four operatives as per manufacturers drawings, ensuring there are no folds or tears.

These will then be stitched together as per the manufacturers instructions and checked by the site manager on completion. The perimeter of the grout mattress will be fitted into the v-trench as per mattress edge protection detail.

Concrete will be delivered to site in a mixer truck, accessing through the site compound and the temporary access track. It will then be fed into a mobile concrete pump and delivered to the required grout mattresses, for phase 1 this will be from the river bank for phases 2,3&4 the access scaffold will be used to carry the pump nosing.

On completion, the filled mattresses will be left for a sufficient period to allow the concrete to set, prior to reinstatement of the riverbed and mattress edge protection.

The mattress edge protection detail will then be finalised with 400mm thick of well graded granular fill be installed and getting compacted as per highway specification using a wacker plate. Grade LMB 60/300 rock armour a min of 2 layers thick ill then be placed on top of the granular fill and end of the grout mattress. This will be done with a 360 excavator and grab attachment. The same process will be used for the river bank rip rap detail.

The riverbed level will then be reinstated with the existing bed material which was stock piled on site. The site engineer is to ensure the finalised level is as per the design.

Following completion of the works the work area will have a handover inspection with the client and be signed off prior to changing phases.

Task Briefing Title	Installation of Scaffolding Access	Contractor	Taziker
TBS Reference	3117-TBS-005	Activity Start date	

A scaffold access system will be erected to allow operatives access to the de watered areas in phases 2,3&4. The scaffold will be attached to the side of the A92 road bridge.

Hold Point: No works to commence over the watercourse until the safety boat is situated in the water with radio communication confirmed with scaffold team.

Scaffolders to be clipped on at all times and wear 275N lifejackets when working over water.

The scaffolders will start by building the suspended scaffold from the West Bank of the River Dee.

YOU MUST COMPLY WITH CURRENT SG4 GUIDELINES (SCAFFOLDERS SAFE ZONE) - IF IN DOUBT, ASK.

All scaffolders to wear a full body harness with double lanyard and be clipped on when working at height.

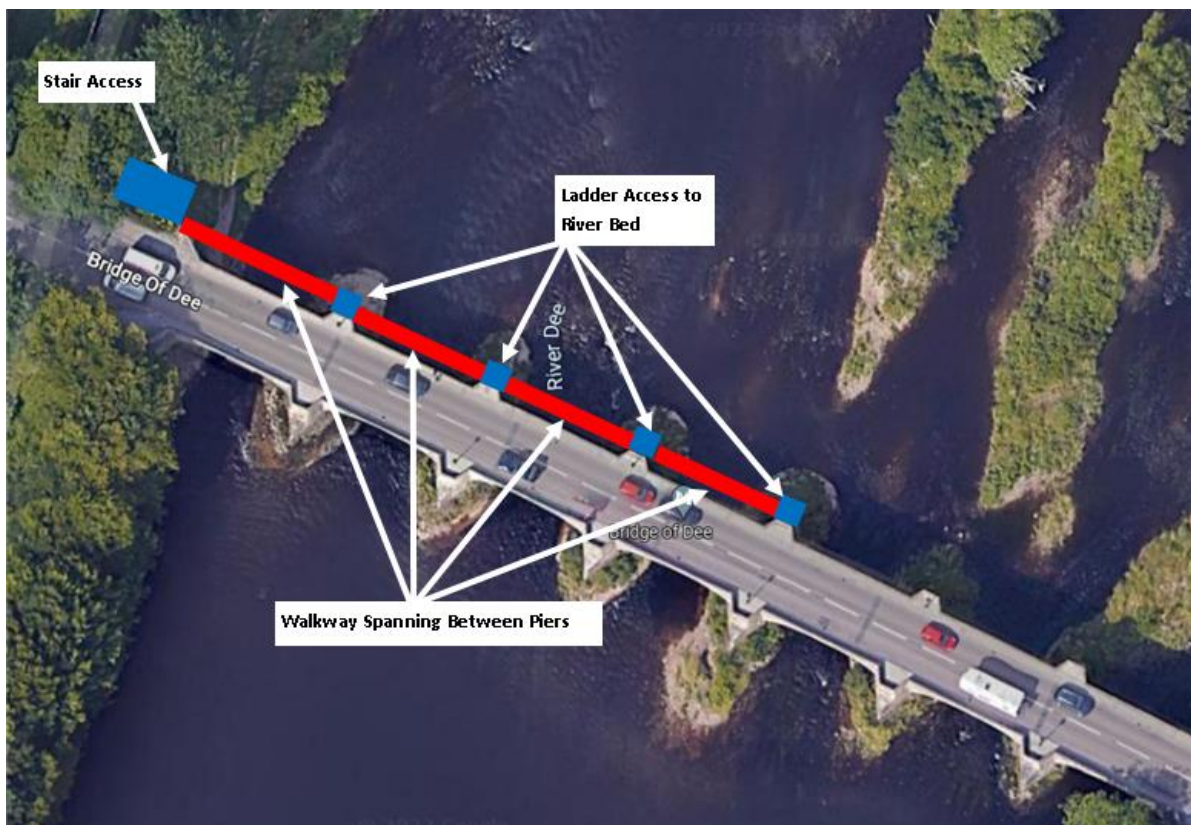
No person, other than a competent scaffolder will erect, adjust or dismantle any scaffold. If any adjustments have been made, a 'scaffold incomplete' sign will be displayed making the scaffold unavailable for use. This will only be removed after inspection by a competent person, at which point a 'scaffold tag' will be displayed, restoring access.

All scaffolding will be erected in line with the temporary works design. Any deviation must be approved by the TWC.

A scaffold incomplete sign will be displayed in prominent position during the erection of the scaffold.

A walkway will be erected on the outside of the bridge with step access from the footpath. Four ladder platforms will be erected in suitable locations to access the bridge abutments.

Scaffolding incomplete sign not to be removed until it has been inspected by a competent person also been issued with a permit to load by TWS/ TWC.



Contractor's delivery organisation

The following individuals from the **Error! Reference source not found.** Contractor's organisation will be involved during this Method Statement:

Role	Name	Contact Number
Project Manager	Tom Galletly	<Redacted>
Site Manager	TBC	TBC

Site Supervisor	TBC	TBC
Operations Manager	Lewis Thom	<Redacted>
Temporary Works Coordinator	Tom Galletly	<Redacted>
H&S Manager	Garry Smith	<Redacted>
Environmental Manager	Rob Usher	<Redacted>

Specialist Contractors and Sub-Contractors

The following companies, specialist contractors and/or individuals will be involved during this Method Statement:

Name and address of company, specialist contractor or individual, etc.	Work activity / Specialism	Point of contact details (name and telephone number)
Robert Nicholas Ltd Bordon Innovation Centre, Broxhead House, 60 Barbados Rd, Bordon GU35 0FX	Temporary Dam Sub-Contractor	Richard Noble <Redacted>

2. Resources

The following resources will be used for this Method Statement:

Approved for Construction Design Documents

Document Reference	Document Title
3255-MHB-DRG-001	General Notes
3255-MHB-DRG-010	Existing GA
3255-MHB-DRG-100	Proposed GA
3255-MHB-DRG-120	Proposed Mattress Details
3255-MHB-DRG-121	Proposed Sheet Pile Details

People

Task	Number of People and their competence
TBS 01	1No Site Manager (SMSTS, First Aid), 1No. Excavator Driver; 1no. Dumper Driver; 3no. general operatives
TBS 02	1No Site Manager (SMSTS, First Aid), Sub Contractor
TBS 03	1No. Site Manager (SMSTS, Fire Aid), 1No. Banksman, 2No. operators, 2No. General Operatives.
TBS 04	1No. Site Manager (SMSTS, Fire Aid), 1No. Banksman, 2No. operators, 2No. General Operatives.
TBS 05	1No. Site Manager (SMSTS, Fire Aid), 1No. Scaffold Supervisor; 3no. Scaffold operatives

Plant, Equipment and Tools

Task	Quantity of Plant, Equipment and Tools
TBS 01	HIAB, lifting accessories, bearing pads
TBS 02	2 No Super-silent Pumps TBC

TBS 03	1 No Excavator, 1 No Dumper, 1 No Mobile concrete pump, Grout mattresses & accessories, two-way radios
TBS 04	1 No Mobile concrete pump, two-way radios
TBS 05	Recip saw, Safety Boat

Materials

Task	Quantity of Materials
TBS 01	Scaffold equipment
TBS 02	Temporary Dam Materials, Rock armour
TBS 03	Ready mix concrete, Rock armour, Sheet piles,
TBS 04	Ready mix concrete
TBS 05	Tube and fitting scaffolding; aluminium beams, scaffold boards

Site Mandatory Personal Protective Equipment Requirements

Safety boots with a 200-Joule metal toecap as a minimum/steel midsole - EN 20345
 Safety Gloves - EN388
 Hardhat (Blue/White) - EN397
 Safety Glasses - EN166.1F
 High Visibility orange clothing with reflective stripes (tabard / jacket / trousers) - EN471 Class 3

Task Specific Personal Protective Equipment Requirements

Task	Personal Protective Equipment
TBS 01	Site Mandatory
TBS 02	Lifejacket
TBS 03	Ear Defenders
TBS 04	Ear Defenders
TBS 05	Retractable inertia reel plus harness with double lanyard, Life Jacket

3. Working Together

At site communication

Communications on site will be mainly carried out using company mobile phones which are operated on the EE Network and reception is sufficient across the whole of the area. As the working areas will never be completely dry, the use of mobile phones impractical. In this event, two-way radios with lanyards and voice activated earpieces should be utilised for communication within the site working area.

Contact details (External Stakeholders)

The following are the main contacts for this Method Statement:

Name	Role	Organisation	Contact details	Tick to confirm number works and has been tested

Other parties involved with the package of work (interfaces details)

The following working arrangements will apply with all parties / organisations that have been identified with this Method Statement:

Interfacing Organisation	Interface Point for:	Point of Contact & contact details	Interface arrangements
Aberdeen City Council			
Marine Scotland			

4. Hazard Management

Work involving particular risks

The work in this package involves the following particular risk(s), as detailed in Regulation 12 (2), (Schedule 3) of the CDM Regulations 2015:

Risk	When and where will the risk be present?	Permits Required	How will this risk be controlled?
Risk falling from a height.	TBS002, TBS003	SP08- Permit to work at height & SP08- Permit to Lift	During the installation of the site welfare and offloading the dam materials. The slinger will be required to wear a harness and fall arrest if there is no edge protection is present on the HIAB. Operatives should be aware of underfoot conditions and be cautious when working at height.
Work exposing workers to the risk of drowning.	TBS 02		The Site manager will check weather reports to ensure there are no unexpected rises in the water level. There will be no lone working. The river flow will be monitored throughout the working day. Life preservers will be made available close to the working area.

Significant construction risks

The following are the significant construction safety and health risks that apply during this Method Statement:

What are the main risks (including health) during this Method Statement?	When and where will the risk be present?	Permits Required	How will the risk be controlled
Untidy Site	All	N/A	Operatives and contractors must be briefed on good housekeeping. Keep so far as reasonably practicable walking routes clear of debris or any vegetation. Ensure personnel are aware of the surround environment and their potential hazards.
Injury due to poor manual handling	TBS 02 TBS 03 TBS 04 TBS 05	N/A	Manual handling training and assessment to be given. Operatives to take care when lifting heavy items. Watch for slips, trips, falls, etc. Operatives not to lift any more than what's specified in the manual handling assessment.

Poor site access and egress	TBS 02 TBS 03 TBS 04 TBS 05	N/A	The vehicle access to site is from Riverside Drive. Vehicles must adhere to a 5mph speed limit on site, and should always have a banksman available, to ensure there is no interference with members of the public. Drivers should always be aware of their surrounds and inform site management of any issues surrounding access or egress from site. This is a residential area; therefore extra vigilance is required regarding the proximity of children
HAVS	TBS 04	N/A	HAVS data must be monitored accordingly for the following plant, • Cordless drill @ <2.5m/s (8 Hours) Operatives must ensure to have sufficient breaks between using the plant/equipment. All recorded data to be sent to head office for monitoring. Operatives are to ensure the correct PPE is worn at all times
Public / Pedestrian Interface	All	N/A	Operatives are to remain polite at all times. If any information is requested by members of the public, they shall be directed to the site manager, where present. Site Signage will be placed on the Heras fencing to give the public information on the works.
Working at Height	TBS 02 TBS 03	SP08- Permit to work at height	During the installation of the welfare units, the slinger will be required to wear a harness and fall arrest if there is no edge protection is present on the HIAB. Operatives should be aware of underfoot conditions and be cautious when working at height.
Failure During Unloading of Plant and Materials	TBS 02 TBS 03	SP08- Permit to Lift	All lift plans will be undertaken using an approved lifting plan. All lifting accessories will be available for inspection. Operators' certification and licenses should match the approved lift plan. The Slinger should ensure off lifting equipment is secured correctly on the lifting points prior to lifting.
Vehicle Collisions & Accidents	All	N/A	High visibility clothing, hard hats, safety footwear to be always worn by operatives on site and visitors to site. Warning signs will be erected as well as speed restrictions signs of 5mph. Any plant entering site will be escorted by a banksman.
Fuel Spills: harm to the environment, open water, dermatitis	TBS 03	N/A	Plant to arrive on site with fuel tanks already full. All refuelling will be carried out in the site compound. Any spillages to be mopped up immediately using spill kit. Any material contaminated during spillage to be contained bagged and removed from site for appropriate disposal. Appropriate PPE to be worn, including gloves. Any fuel in contact with skin to be washed off immediately.
Injury due to using machinery.	TBS 02 TBS 03	N/A	Only basic maintenance will be undertaken on site and by competent operatives only. All other machinery will be immobilised and will be placed in a safe place so as not to cause any obstruction or a danger. All passengers on plant will be prohibited from riding in dangerous positions. All appropriate personal protective equipment will be used when operating machinery.

Striking Buried Services	TBS 03	SP05- Permit to Dig	The area will be scanned by a trained and competent cat scan operative/site engineer. The engineer should check the cat scan has been calibrated within the last year. The engineer and site manager should both complete the permit to dig form. Any services identified during the cat scan should be recorded and the information should be passed to the site manager.
Scaffold collapse	TBS 01	Permit to Load	Erection & dismantling by operatives with proven experience. All adaptations and alterations to be carried out by scaffolders. Ties must not be removed. Inspection of the scaffold by a competent person every seven days, and always after bad weather. Handing over cert issued prior to further works.
Scaffolder erection/dismantle - injury to scaffolders due to high winds	TBS 01	Permit to Unload	All leading-edge scaffolds will cease at 35mph constant over a 10 min period. All works will be suspended at speeds excess of 40mph constant over a 10min period. Speed to be measured via the handheld anemometer.
Poor PPE management (Scaffolding)	TBS 01	Nil	All scaffolders to be allocated a harness and lifejacket which will be assigned using the whiteboard in the site office. In the event that a lifejacket or harness is found on the structure, the site management team will be able to immediately identify the owner. The scaffolders will sign a PPE issue record which details serial number of harnesses and a lifejacket with issue number. As part of the daily briefing, it will be a requirement of the scaffold buddy / scaffold supervisor to ensure the harnesses & lifejackets are always worn correctly and that they are stored in an appropriate manner at the end of each shift.
Affecting the Salmon Smolt	All	n/a	No works to take place in the water between

TI Golden rules (Tick applicable rules per Task ✓)

Task							
TBS 01		✓	✓	✓			✓
TBS 02	✓	✓	✓	✓	✓	✓	✓
TBS 03	✓	✓	✓	✓	✓	✓	✓
TBS 04	✓	✓	✓	✓	✓		✓

TBS 05		✓	✓	✓	✓		✓
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COSHH products to be used during these works

Product	Task product is being used	Is any additional monitoring required (Isocyanates etc.)
Diesel	TBS 03	No
Concrete	TBS 03, 04	No

Previous Incidents relating to these tasks – consult HSQE Team for further details

Task	Common Injury	Cause	Action to be taken

5. Environmental and Waste Management Arrangements

Environmental Management Arrangements

Environmental Manager	Rob Usher	Contact No	<Redacted>
Consents/ Licences/ Permits	TBC in site specific task briefing sheet.		
Spillages (Fuel & Paint)	<p>Any spillages of fuel oils etc. will be contained as far as possible on-site using spill kits provided.</p> <p>Taziker HSQE Manager will be notified immediately of any environmental incident in accordance with TI Environmental Policy</p> <p>Double Bonded, Impermeable Sheeting & Spill Kits available on site</p>		
Noise	Noise emissions arising from the work shall be managed in accordance with industry best practice.		
Dust	An exclusion zone will be created around areas where dust may be present due to the works, to protect the public from inhaling any of the dust particles. All operatives will wear the appropriate RPE.		

Waste Management Arrangements

The waste hierarchy of prevention, reduce, reuse, recycle will be applied to all generated waste. Each waste stream shall be segregated and labelled to aid identification and sorting which maximises recycling efficiency.

Waste shall be stored in lockable enclosed skips, completed Waste Transfer Notes shall be provided for all waste movements, these will be verified by the Site Manager and stored within the Site File.

6. Emergency Arrangements

Site emergency arrangements

Risk	Evacuation Method
Collapse of individual	Immediately contact emergency services (999), First aider to attend IP, contact on call manager or TI Safety Manager. Stretcher from emergency vehicle will be utilised.
Fall into Water	In the event of an operative falling into the water the life preserver may be utilised, and the site manager informed. The operative should be taken to the north bank

TI Project No: 3117
Issue No: A02
Date: 16/08/2023

where emergency services can access if required. The river level is generally low, but the site manager will constantly review the weather conditions and forecasts for warning of change. Should the river level rise significantly, all work should stop.

In the event of an accident or incident on your site you should immediately contact emergency services if required, ensuring first aid attendance to any injured persons.
The following people should also be contacted:
The Project Manager for the work: Tom Galletly
Health and Safety Manager for the work: Garry Smith

The Accident Record (SF 48) should be completed as an initial investigation by the Site Manager and emailed to HSQE@ti.uk.com
If drink or drugs are suspected as a contributory factor, or cannot be ruled out, the number for Healthcare Connections [Redacted] This allows you to conduct a For Cause test on the individuals involved.

First aid arrangements

A member staff will be nominated by the Site Manager /Supervisor to administer first aid. This person will have access to a first aid kit. Where possible, the name of the nominated first-aider will be published on the Task Briefing Sheet as well as the site cabins and emergency stations on site.
The Emergency Coordinator is responsible for initiating actions in event of an accident / emergency as follows:
1. Accidents resulting in serious injury.
a. Immediately contact emergency services and ensure first aid attendances.
b. Contact On-Call Manager and / or TI Safety Manager; (see item 6 below.)
c. Advise main Contractor’s site representative on-site
d. Carry out actions described in item 7 below
2. Where the operational railway is affected - follows steps b) to e) above
3. Any accident-causing injury or harm to persons – arrange for First Aid support and follow steps b) to d) above
4. Any incident, near miss, dangerous occurrence or possession irregularities - follow steps a) to b) above
5. Serious environmental incident, e.g. pollution - immediately contact SEPA and follow steps b) to d) above
6. If drink or drugs are suspected as a contributory factor, or cannot be ruled out, call out OHC to screen any employee involved in the incident who is suspected of being under the influence.
7. Serve as the company focus for initial co-ordination with emergency services, other contractors and parties on site.
Additional Information provided in Appendix 8.2 First Aid Risk Assessment.

Evacuation arrangements

Site method of raising alarm: Fire call points located within the site welfare Cabin
Facilities for moving an IP: Emergency Services Vehicles Stretcher
Location of emergency muster point: Ferry Road Site Entrance
Mean of accounting for all persons present: Site Manager will check off names of people at the site muster point using the site signing register. Site method of raising alarm: [Fire call points, Air Horns]
Facilities for moving an IP: [Fold Up Stretcher located in at HAKI Staircase]
Location of emergency muster point: [Front Pedestrian Entrance Gate]
Mean of accounting for all persons present: [Site Signing in Register]

Fire safety arrangements

Refer to the project specific Fire Plan (SF05) which has been produced alongside the Construction Phase Plan to identify applicable Fire Risks and the equipment provision required.
Location of fire equipment on site is as follows:

TI Project No: 3117
Issue No: A02
Date: 16/08/2023

Location of fire equipment on site is as follows: Welfare Cabin
 A Hot Works Permit issued when using Handheld tools that may cause a spark which will then have a Fire Watch approx. 1 hour after works are completed. Should there be a fire on site the operatives on site will hear the Fire Horn which will be explained and identified during the briefing.
 Additional Information provided in Appendix 8.1 Fire Risk Assessment.

Security arrangements

Method of site security required on this site

CCTV		Contact	
Security Guard		Contact	
Other		Contact	

At the end of each shift the Site Manager will ensure all tools and equipment are secured or locked away in the appropriate cabin. Welfare and storage cabins will be locked at the end of the shift ensuring any fuel or paint is locked away in the paint store or lockable flammable boxes.
 Access gates will be kept locked at all times during the works to prevent any unauthorised access, the Site Manager will conduct daily checks of the site perimeter and work area to ensure the site is secure.

Summoning emergency services

An Emergency Evacuation Plan (SF 56) will be completed before works start. Refer to the project Emergency Evacuation Plan to provide a task specific response in this section.

Asbestos

N/A

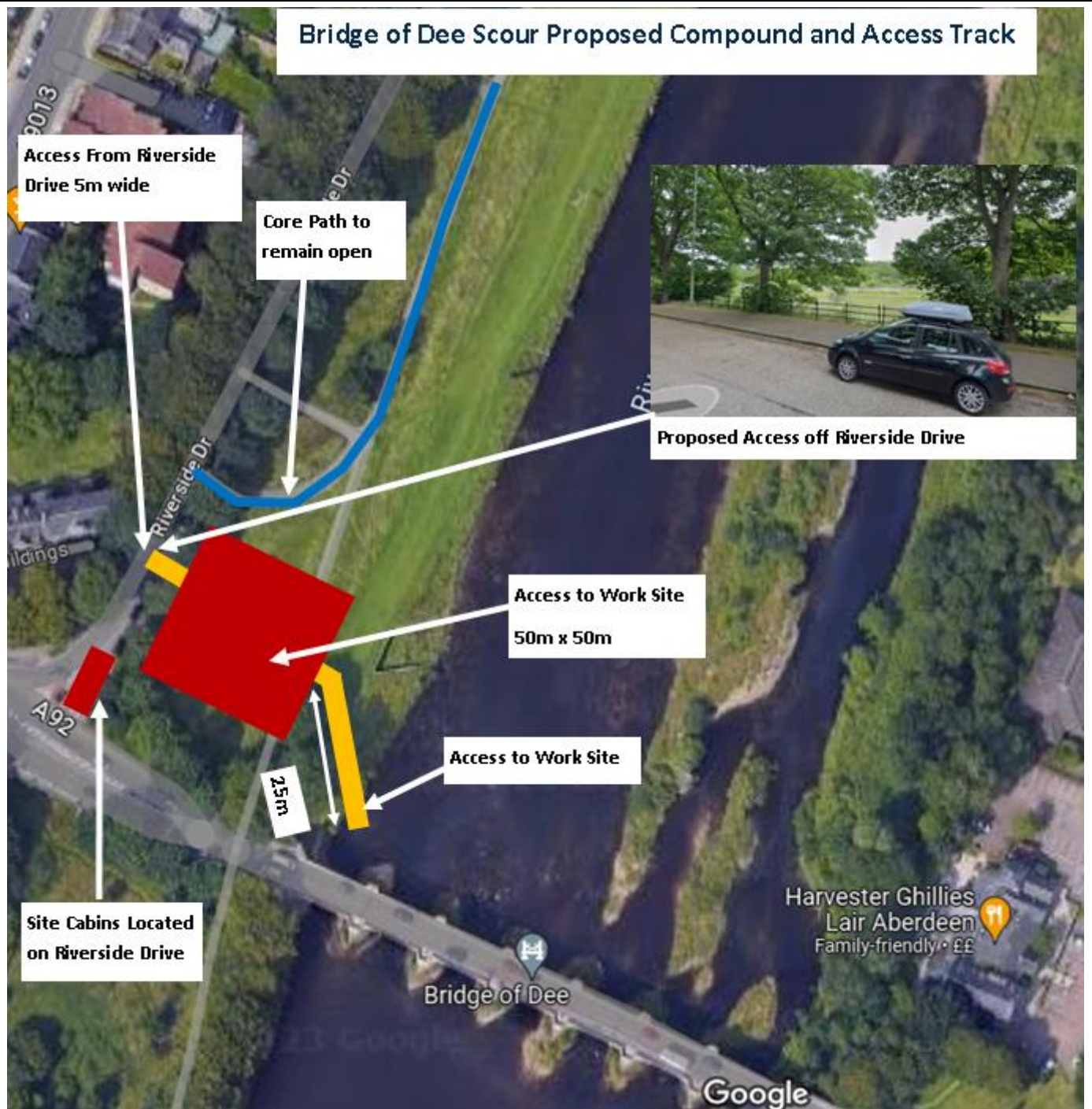
Utilities

Gas – National Grid	0800 111 999	Water	0800 0778 778
Electric	0800 404 090	Other	

On discovery of any unanticipated utilities work will be immediately suspended in the vicinity, the area is then to be vacated and isolated. The Project Manager and HSQE Manager for the project will be notified, along with the Client and the relevant utility organisation or company.

7. Method Statement Arrangements

Site Layout



Access and Egress

Site Compound access point	The site access will be via Riverside Drive, situated to the Northeast of the Bridge of Dee
Site Compound egress point	Egress will be from Riverside Drive.
Worksite access point	From the site compound along a temporary access track to the northeast riverbank, or via the scaffold access on the bridge.

TI Project No: 3117
Issue No: A02
Date: 16/08/2023

Worksite egress point	From site along the temporary access track to the compound, or via the scaffold onto the bridge.
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Welfare

Welfare facilities will be provided within the site compound after installation as follows:
 This will include provision for preparing and eating meals, clean drinking water supply, Drying Rooms, Toilet and washing facilities, area to administer first aid and Fire Fighting Equipment.
 Additional Information provided in Appendix 8.6 Appendix A & B from NR/L3/INI/CP0036.

Traffic Management

Traffic and pedestrian management will be in place within the compound area in the form of a barriers or permanent fence, only vehicles and plant delivering materials should enter the site compound.
 All vehicles and plant will be required to adhere to the 5mph speed restrictions on site. All plant will require a banksman to direct them into the site compound.
 The site compound access route crosses an existing public footpath that will still be used by members of the public therefore drivers must be vigilant when entering the site.

8. Quality Requirements

Quality Requirements

Concrete Cube Tests

Inspection Requirements

Prior to construction	A site investigation will be carried out prior to establishment. This investigation will include a dilapidation survey and a detailed Topographical survey of the riverbed between the piers. See appendix 10.
After temporary dam installation	A joint inspection of the dam will be carried out by the site manager and Robert Nicholas’s Supervisor to ascertain the effectiveness of the dam.
After grout mattress installation	Concrete quality document
After the remedial work to the piers	Concrete quality document

9. Hand Over and Hand Back Arrangements

Hand over and hand back arrangements

Handover certificates will be required from any subcontractors working on site, the work will be inspected and signed off by the Taziker Industrial Site Manager.

At the end of each shift, the Site Supervisor and Site Manager will inspect the work area to ensure that work site is clear, and no tools/materials are left unattended/unsecured.

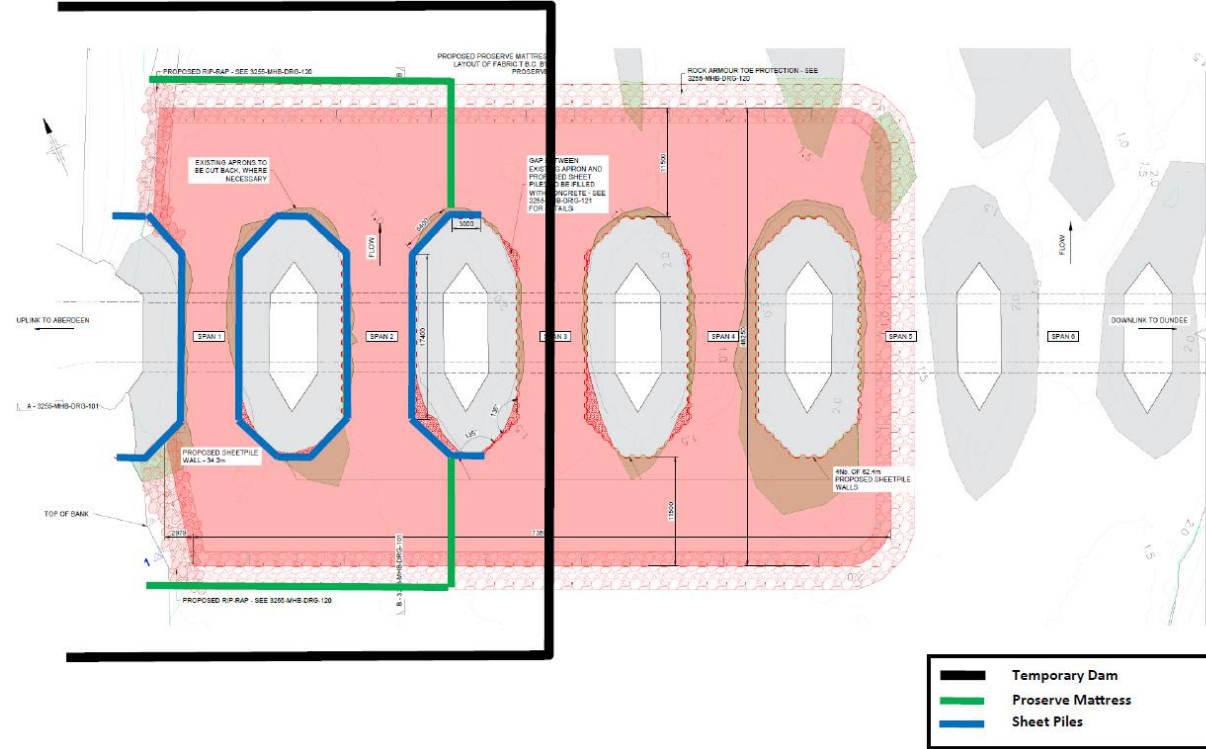
At the end of each shift utilising any traffic management, the Site Supervisor and Site Manager will inspect the work area to ensure that work site is clear, and no tools/materials are left unattended/unsecured and undertake a sweep of the working area.

Site photographs will be taken to provide evidence for the condition the worksite has been left in.

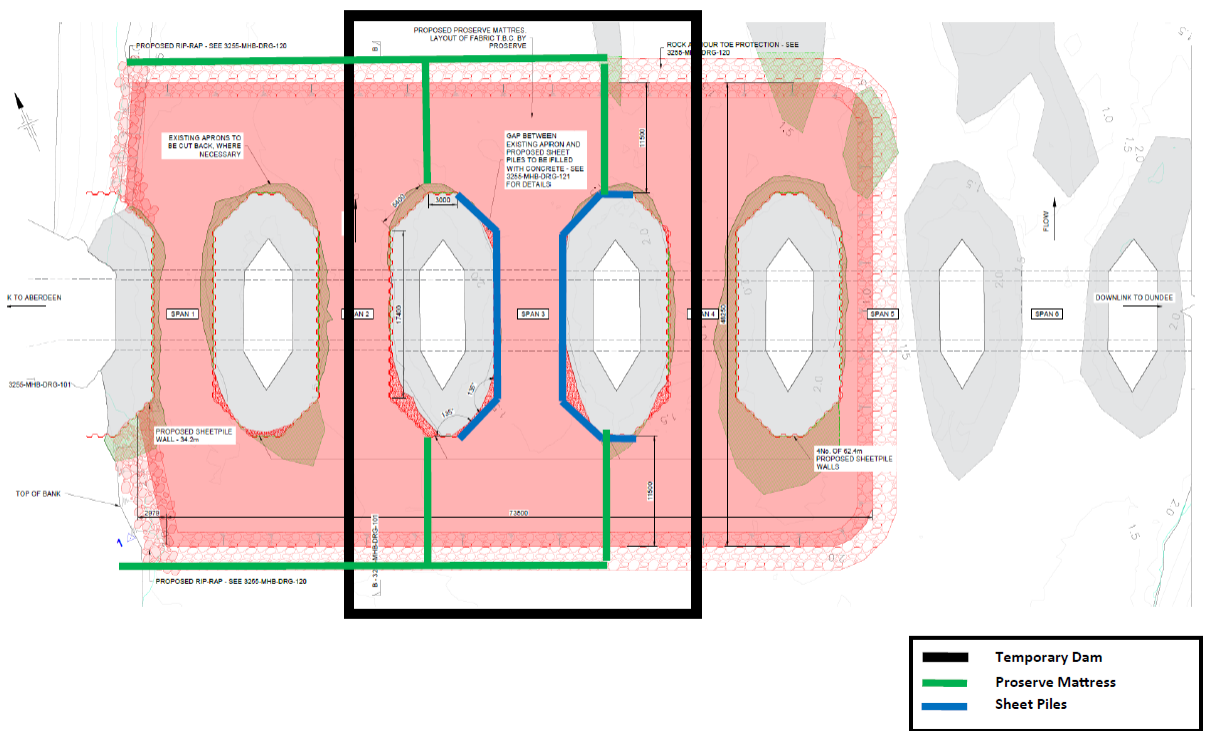
10. APPENDICES – Supporting information

Phasing

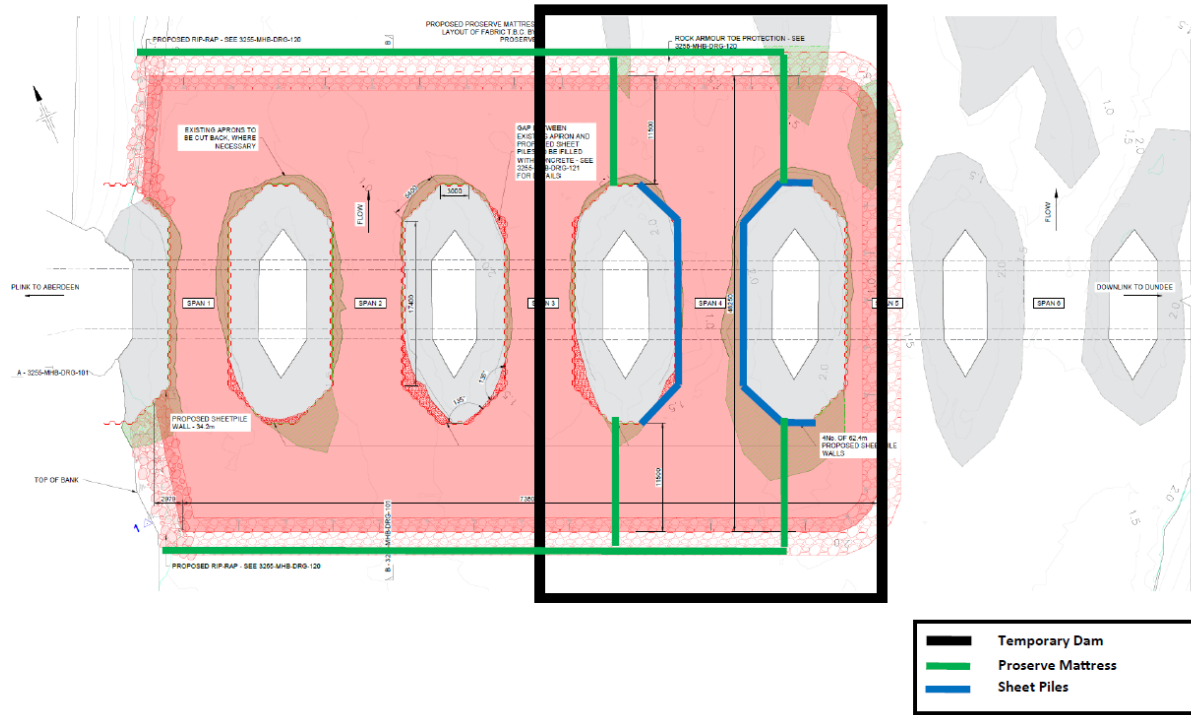
BoD Phase 1



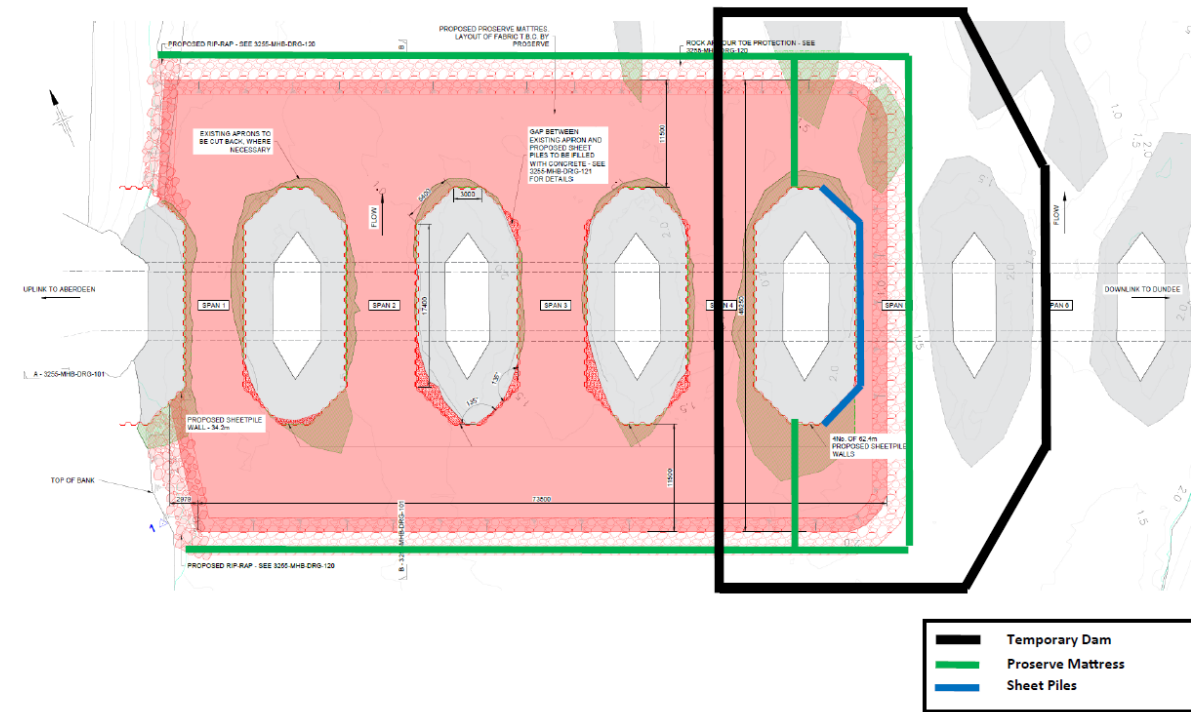
BoD Phase 2



BoD Phase 3



BoD Phase 4



11. Method Statement and Risk Assessment Briefing

a. Record of Change

Record here any changes that need to be made to this briefing sheet. State which section/s in the box on the right.

If any of the details in this briefing sheet do not match circumstances on site, record the differences and what change/s will need to be made. **Seek authorisation before implementing change/s.**

Section no.	Change Required	Authorisation ref	Authorised by	Signature

b. Briefers declaration:

The briefer confirms they are satisfied with the Method Statement and the information is correct. Suitable risk controls are in place as detailed in the Method Statement. I have confirmed the Supervisor understands the briefing before any work is carried out.

Briefing Given By:

Name	Position	Signature	Date

By signing below, I confirm that I have received and understood the briefing for this task. If the Method Statement briefing does not cover your activity, risks, or the controls are not in place as described in the Method Statement, do not sign this sheet, and report it to the briefer immediately and submit a close call.

Name	Position	Signature	Date