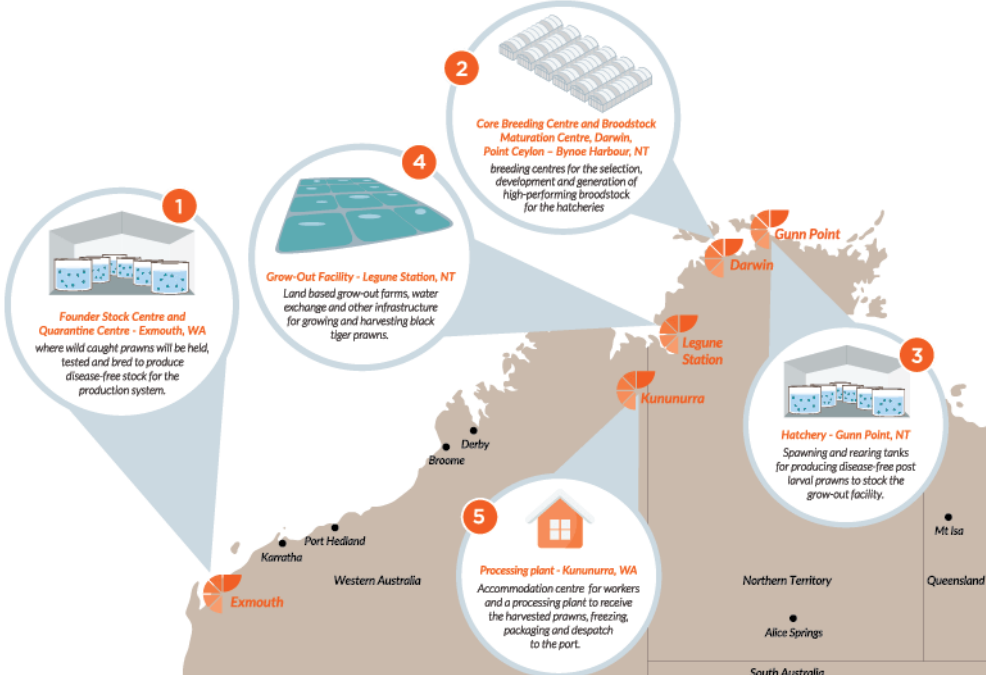
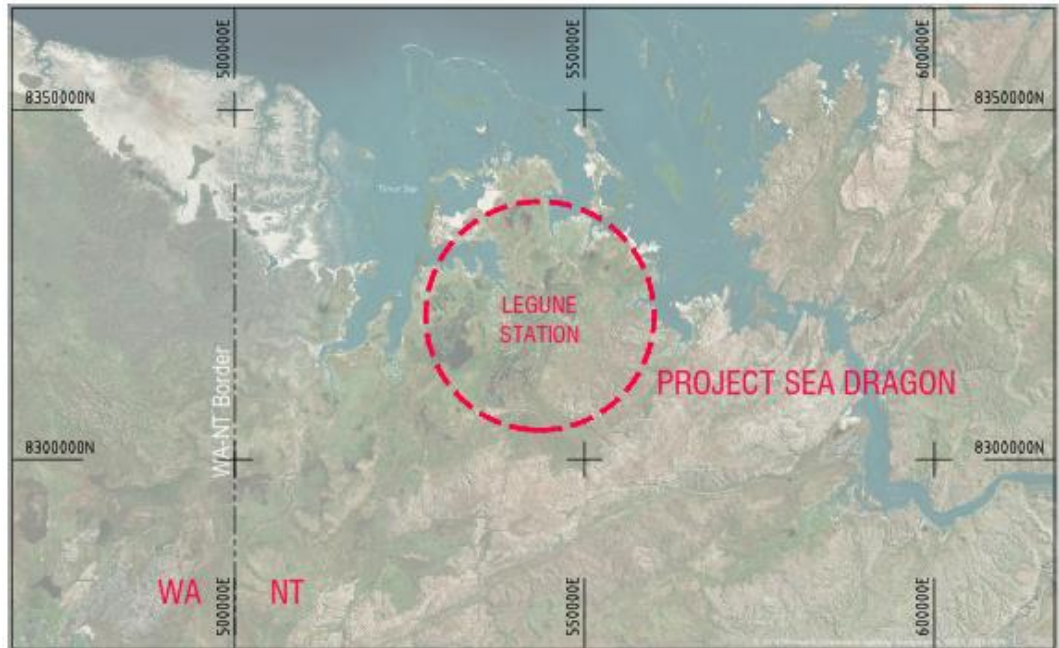


## PROJECT SEA DRAGON – EXPRESSION OF INTEREST (EOI)

<b>Package Title</b>	<b>Seawater Intake Structure</b>
<b>Reference Number</b>	<b>C012</b>
<b>Project Overview</b>	<p>The proposed Project Sea Dragon (PSD) is a large-scale, integrated, land-based prawn aquaculture project in northern Australia that will deliver high-quality, year-round reliable volumes for domestic and export markets. PSD will be a staged development of up to 10,000 hectares of produce ponds as well as a series of facilities across northern Australia including:</p> <ul style="list-style-type: none"> <li>➤ Founder Stock Centre and Quarantine Centre at Exmouth, WA;</li> <li>➤ Bynoe Breeding Facility, that includes a Core Breeding Centre and a Broodstock Maturation Centre, at Bynoe Harbour, near Darwin, NT;</li> <li>➤ Hatchery to be built at Gunn Point, near Darwin, NT;</li> <li>➤ Grow-out Facility to be built at Legune Station, NT, approximately 100 km from the town of Kununurra, WA; and</li> <li>➤ Processing facility to be built approximately 15 km north of Kununurra, WA.</li> </ul>  <p>Seafarms has all the necessary regulatory approvals in place to build Stage 1 of the development that consists of approximately 1,120 Ha of ponds and the associated upstream and downstream facilities. Seafarms proposes to develop Stage 1 in several steps with Stage 1a (S1a) being one farm at Legune of approximately 400 Ha, and the upstream and downstream facilities at Legune and other sites. Subject to further funding, the balance of Stage 1 is targeted to be complete within 3 years of commissioning S1a and that subsequent stages 2 and beyond to the full scale of approximately 10,000 hectares would continue to be delivered in line with overall schedule of work.</p> <p>Stage 1a of Project Sea Dragon has a total construction budget of approximately \$281M excluding cost contingency and escalation. Organisations interested in responding to this request for expression of interest are encouraged to review Seafarms (ASX – SFG) <a href="#">Annual Report Presentation</a> released on the ASX site 1st September 2020 and later announcements.</p> <p>The shortlisted respondents will be required to sign a Non-Disclosure Agreement (NDA) prior to receiving the Tender Documents.</p>

**Package Description**

This work package is for early contractor involvement (ECI) in the design and constructability review process (Phase 1), as well as the supply, and construction of a marine structure extending approximately 150 meters from the riverbank into Forsyth Creek at Legune Station (Phase 2).



**LOCALITY PLAN**

The structure will support large pumps and discharge piping and will be subject to significant tidal movement. Pumps and piping will be supplied by the principal, and the contractor will install and support the commissioning of them in coordination with PSD and the successful electrical contractor. A representative structure is shown in the picture below.



**Process Steps for this Package**

- This EOI process will result in a shortlist of respondents to be invited to tender.
- Up to three (3) tenderers will be awarded Phase 1 work and will concurrently work on developing the design and their costing for a solution that meets the functional requirements. Agreed contractor costs for Phase 1 will be reimbursed by PSD.
- After six (6) weeks for design and costing, PSD will select a preferred design and Contractor to complete and construct the approved design (Phase 2).

During Phase 1, the Contractor(s) shall provide necessary design and constructability reviews, as well as firm pricing for Phase 2. For Phase 2 of the contract the successful Contractor shall provide labour, manufacturing, fabrication, surface treatment, supply, testing at works, delivery,

	<p>construction, installation, supervision, site testing, commissioning and “as built” documentation for the works.</p> <p>The works to be performed under the work package includes but is not limited to the following:</p> <ul style="list-style-type: none"> <li>■ Review and comment on the detailed design and documentation;</li> <li>■ Pricing for the construction;</li> <li>■ Construction of the Seawater Intake Structure (SIS);</li> <li>■ Installation of the free issue Seawater Intake Pumps;</li> <li>■ Installation of the free issue Seawater Discharge Pipes; and</li> <li>■ Testing and commissioning of the works.</li> </ul> <p>Except as stated to the contrary in the specifications, all materials and work shall comply with, and all works shall be designed, manufactured, constructed, and tested in accordance with the latest editions of the relevant Australian Standards, Codes and Regulations.</p> <p>It is intended that the design development in Phase 1 would be based on the construction methodology that matches the contractor’s capabilities.</p> <p>Road access to the site may be restricted, and or closed due to conditions associated with the northern Australian wet season.</p> <p>Contractors are to supply all labour, equipment, consumables, offices, amenities including accommodation, messing, and transport for staff to facilitate the works.</p> <p>In accordance with PSD’s commitments to building local and Indigenous capacity in the region, the EOI evaluation will include a weighting for utilising local and regional businesses in the Northern Territory and the Kimberly region of Western Australia.</p> <p>Respondents to the EOI will be assessed and short listed, with short listed respondents to be invited to tender.</p> <p>PSD reserve the right to combine this package and or parts of this package with any other project package.</p>																														
<p><b>Key Information to be provided with the Respondent’s EOI</b></p>	<p><b>Safety</b></p> <p>Provide the following WHS statistics:</p> <table border="1" data-bbox="400 1294 1453 1554"> <thead> <tr> <th></th> <th>2017/2018</th> <th>2018/2019</th> <th>2019/2020</th> <th>Average per Year</th> </tr> </thead> <tbody> <tr> <td>TRIFR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>LTIFR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>FR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>IR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TLWD</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>TRIFR – Total Reportable Injury Frequency Rate:        LTIFR – Lost Time Injury Frequency Rate: (Number of LTIs) / (Number of hours worked) x 1,000,000        FR – Frequency Rate (serious claims per million hours worked)        IR – Incidence Rate (serious claims per 1,000 employees)        TLWD – Total Lost Workdays</p> <p>The respondent must provide a sample WHS Management Plan from one of their recent Reference Projects.</p> <p>The shortlisted respondents will be required to include a Covid-19 Management Plan within their tender submission that will form part of the Contractor’s WHS Management Plan.</p>		2017/2018	2018/2019	2019/2020	Average per Year	TRIFR					LTIFR					FR					IR					TLWD				
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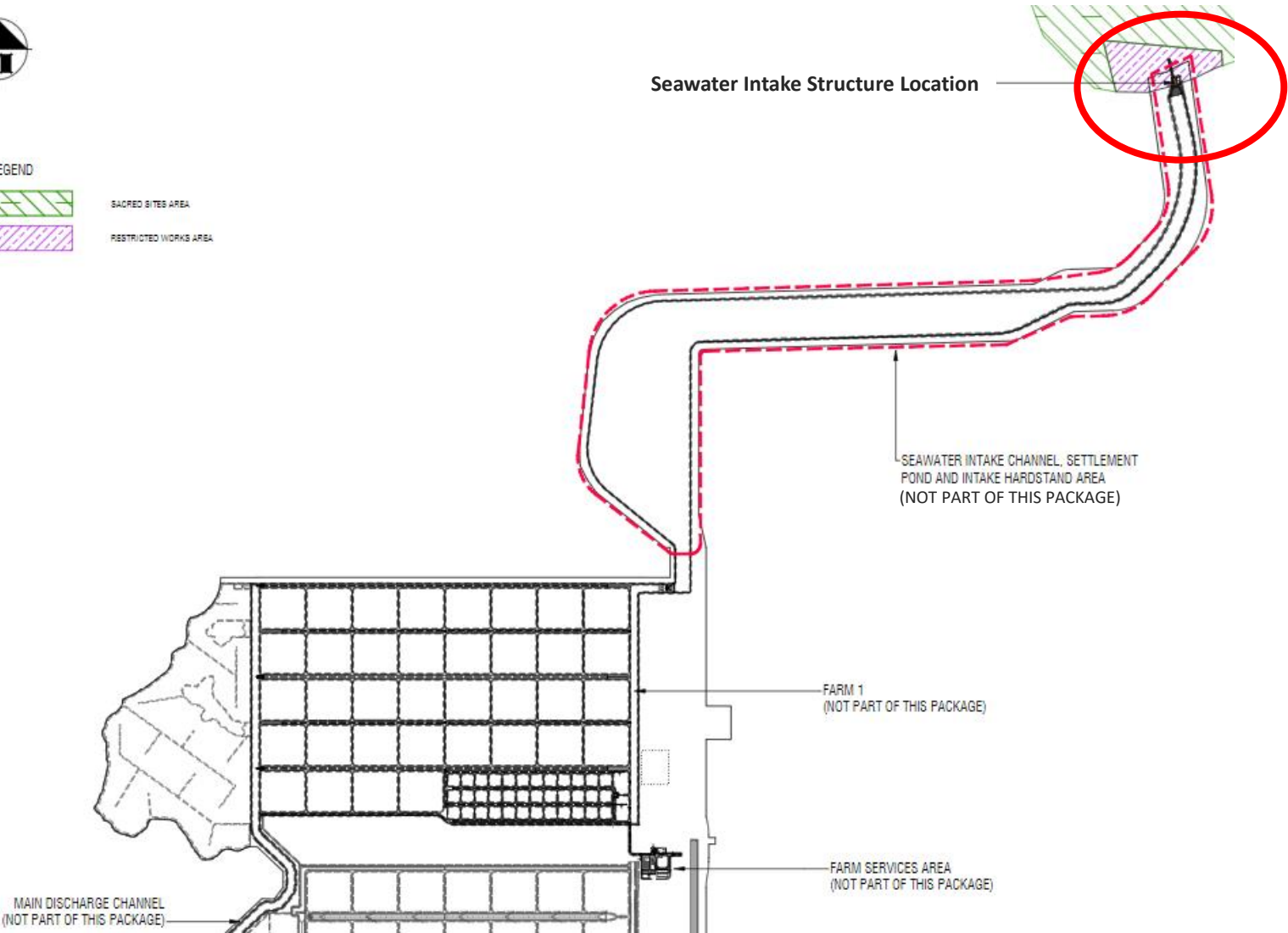
	<p><b>Local and Indigenous Participation</b></p> <p>Provide current total number of employees as well as current number of indigenous employees.</p> <p>Provide number of employees residing in the Northern Territory and Kimberly region of Western Australia.</p> <p>Shall provide a proposed local indigenous participation plan with traditional owners, local aboriginal and/or other aboriginal people specific for the work package.</p> <p><b>Project Team</b></p> <p>Shall provide resourcing information specific for the work package with a focus on meeting key milestone dates (below) and completion requirements including but not limited to the following:</p> <ul style="list-style-type: none"> <li>■ Proposed plant, team organization and indicative staffing plan; and</li> <li>■ Proposed staff rosters and hours of work to complete the project on time.</li> </ul> <p><b>Accreditations</b></p> <p>The respondent has, or be able to attain prior to contract award, all required accreditations, as well as registrations needed to successfully deliver this work package.</p> <p>The respondent must provide a copy of their Quality Management system and records of previous project performance to support their capability to safely deliver this work package.</p> <p><b>Reference Projects</b></p> <p>Provide project data sheets for three (3) reference projects. The reference projects should be of similar size, complexity, and location.</p> <p>The data sheets must include:</p> <ul style="list-style-type: none"> <li>■ Project Name;</li> <li>■ General Project Description;</li> <li>■ Client Name and Reference Contact;</li> <li>■ Approximate Project Value;</li> <li>■ Actual Start Date;</li> <li>■ Actual Finish Date and any variations to the schedule and reasons for variations; and</li> <li>■ WHS Notifiable Incident(s)? If yes, then explain in detail as to the incident, investigation and recommendations.</li> </ul> <p>The respondent must highlight the following:</p> <ul style="list-style-type: none"> <li>■ Experience working on remote construction projects; and</li> <li>■ Experience in delivering similar projects during Northern Australia’s wet season, including access issues to/from and within the project site.</li> </ul> <p>The above must be evidenced by providing references from past clients with their current contact details.</p> <p>Each project data sheet shall be no more than two A4 pages (including photos).</p>
<p><b>Reference Documents</b></p>	<p>The participants in Phase 1 are free to develop their own solution that meets Project Sea Dragon’s requirements. The following indicative sketches are attached herein for EOI purposes:</p> <ul style="list-style-type: none"> <li>■ Seawater Intake Structure – Location Plan;</li> <li>■ Seawater Intake Structure – 3D View (Option A);</li> <li>■ Seawater Intake Structure – Plan View (Options A and B);</li> <li>■ Seawater Intake Structure – Section View (Option A);</li> <li>■ Seawater Intake Structure – Section View (Option B, shorten structure and lower pipes);</li> <li>■ Seawater Intake Structure – Cross Section (Option 1);</li> <li>■ Seawater Intake Structure – 3D Module View (Option 1); and</li> <li>■ Seawater Intake Structure – Cross Section (Option 2).</li> </ul>

<b>Key Milestones</b>	Target date for issuing Invitations To Tender (ITT) is <b>23 February 2021</b> ; Target Contract Award Date (Phase 1) is <b>21 April 2021</b> ; Target Contract Award Date (Phase 2) is <b>4 June 2021</b> ; Target Date for Access to Site is <b>14 September 2021</b> ; and Target Date for Practical Completion is <b>31 May 2022</b> .
<b>Expression of Interest (EOI)</b>	Interested parties with the requisite experience are invited to express an interest in this work package by registering and lodging their expression of interest (EOI), complete with all key information stipulated in this document, for this work package on the NT ICN Gateway online platform prior to the closing date stated below.  <a href="http://projectseadragon.icn.org.au">projectseadragon.icn.org.au</a>  Please ensure your ICN company profile is up to date before registering your expression of interest.
<b>EOI Closing Date</b>	5:00 pm (1700h) on <b>15 February 2021</b> Darwin time (ACST)
<b>Contact</b>	ICN NT Resources Team +61 8 8922 9422 resources@icnnt.org.au
<b>Project URL's</b>	<a href="http://www.seafarms.com.au">www.seafarms.com.au</a>
<b>Disclaimer</b>	This package description and target award date is indicative only and subject to change. It is intended to provide only a brief outline of certain works that may be required for the proposed Project Sea Dragon and should be read in conjunction with Project Sea Dragon project description on ICN Gateway.



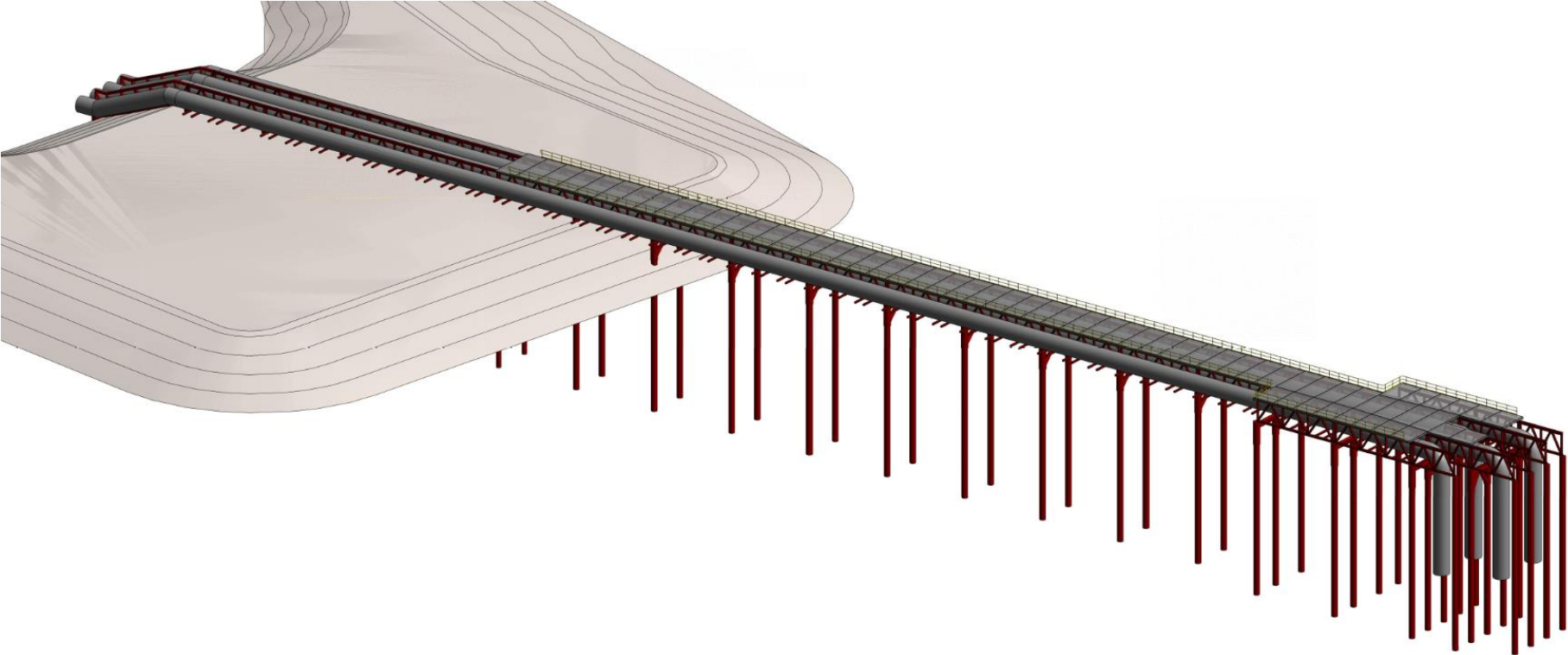
LEGEND

- SACRED SITES AREA
- RESTRICTED WORKS AREA

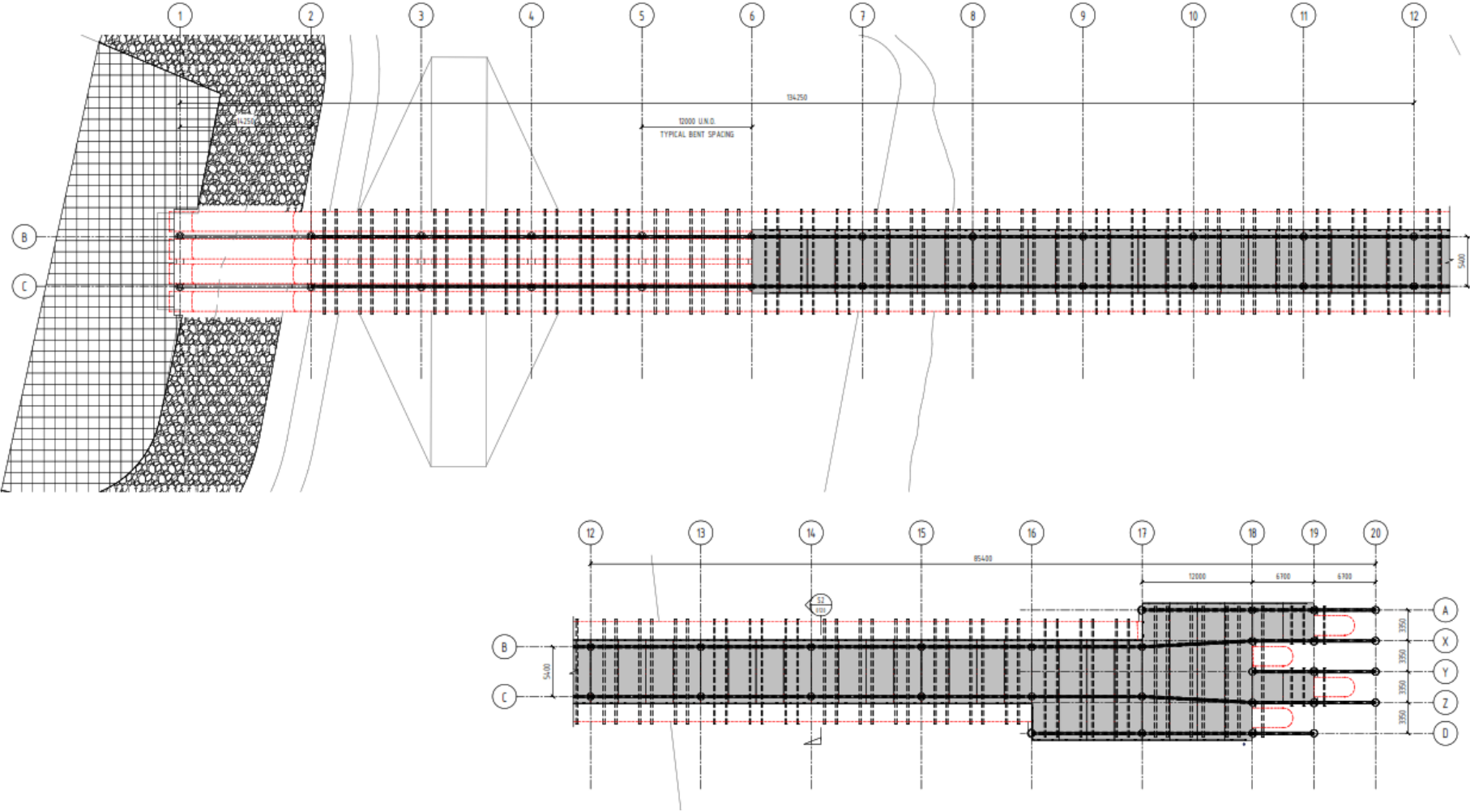


Seawater Intake Structure – Location Plan



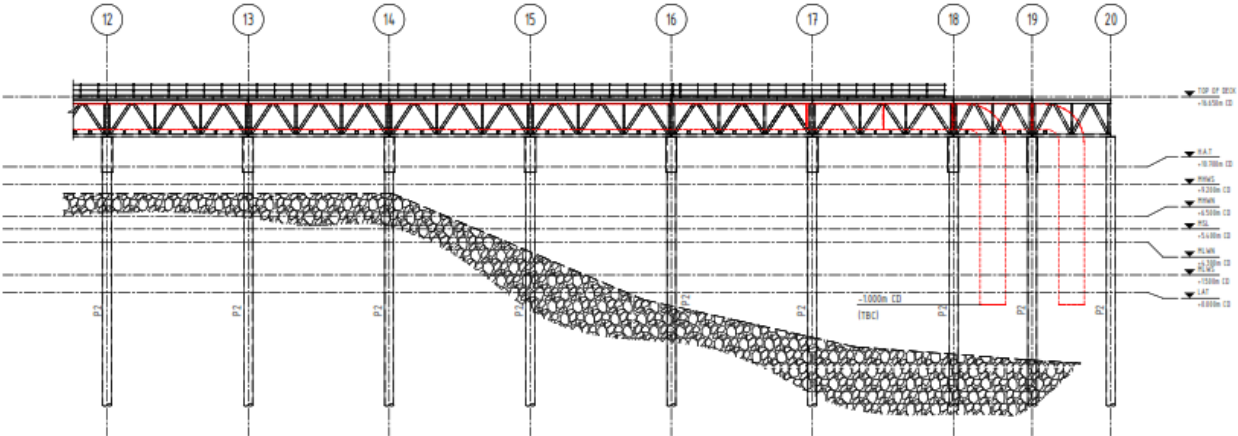
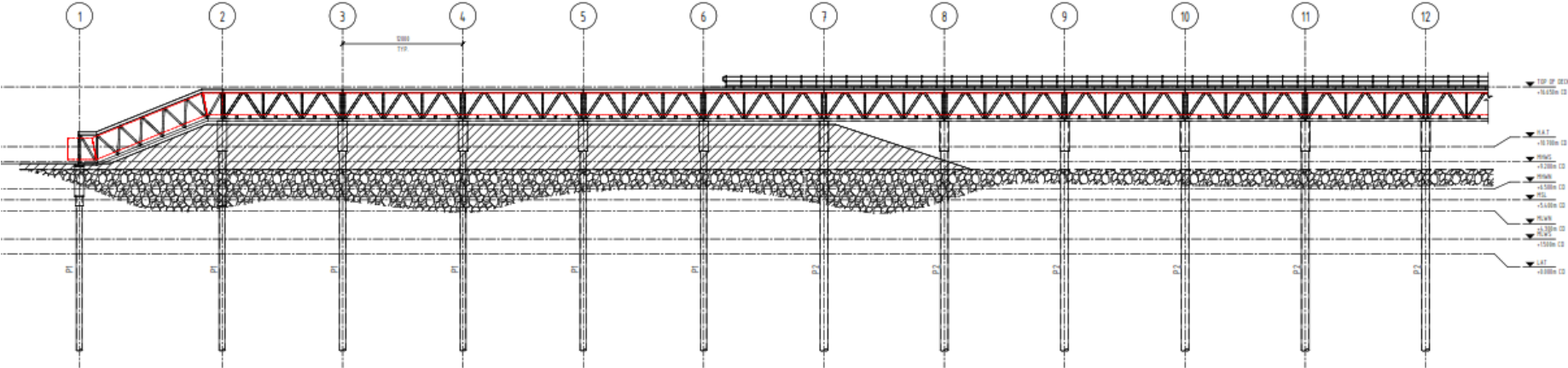


Seawater Intake Structure – 3D View (Option A)



Seawater Intake Structure – Plan View (Options A and B)

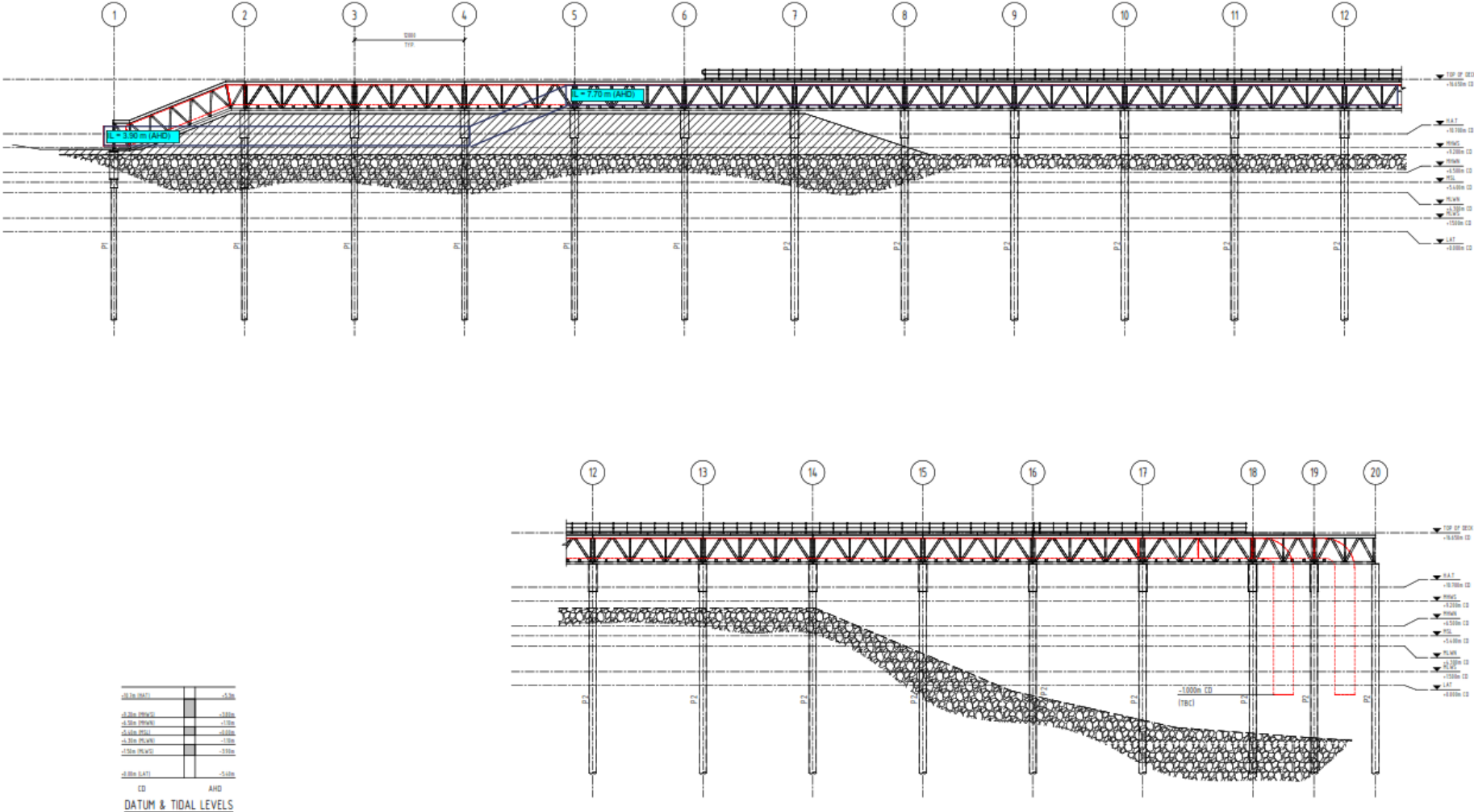




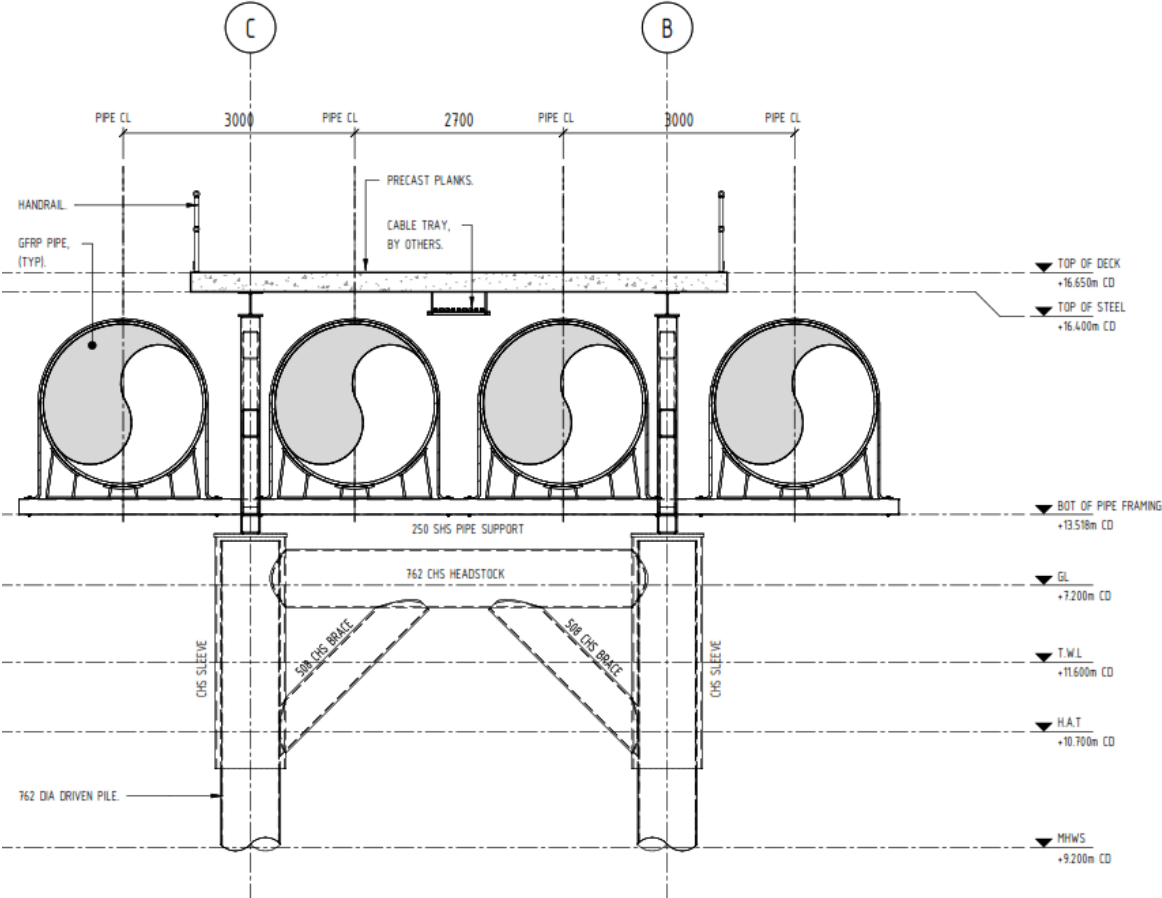
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+8.50m FINISH	+8.50m
+8.50m P.S.	+8.50m
+8.50m P.L.W.R.	+8.50m
+8.50m P.L.W.R.	+8.50m
+8.50m L.A.T.	+8.50m

**DATUM & TIDAL LEVELS**

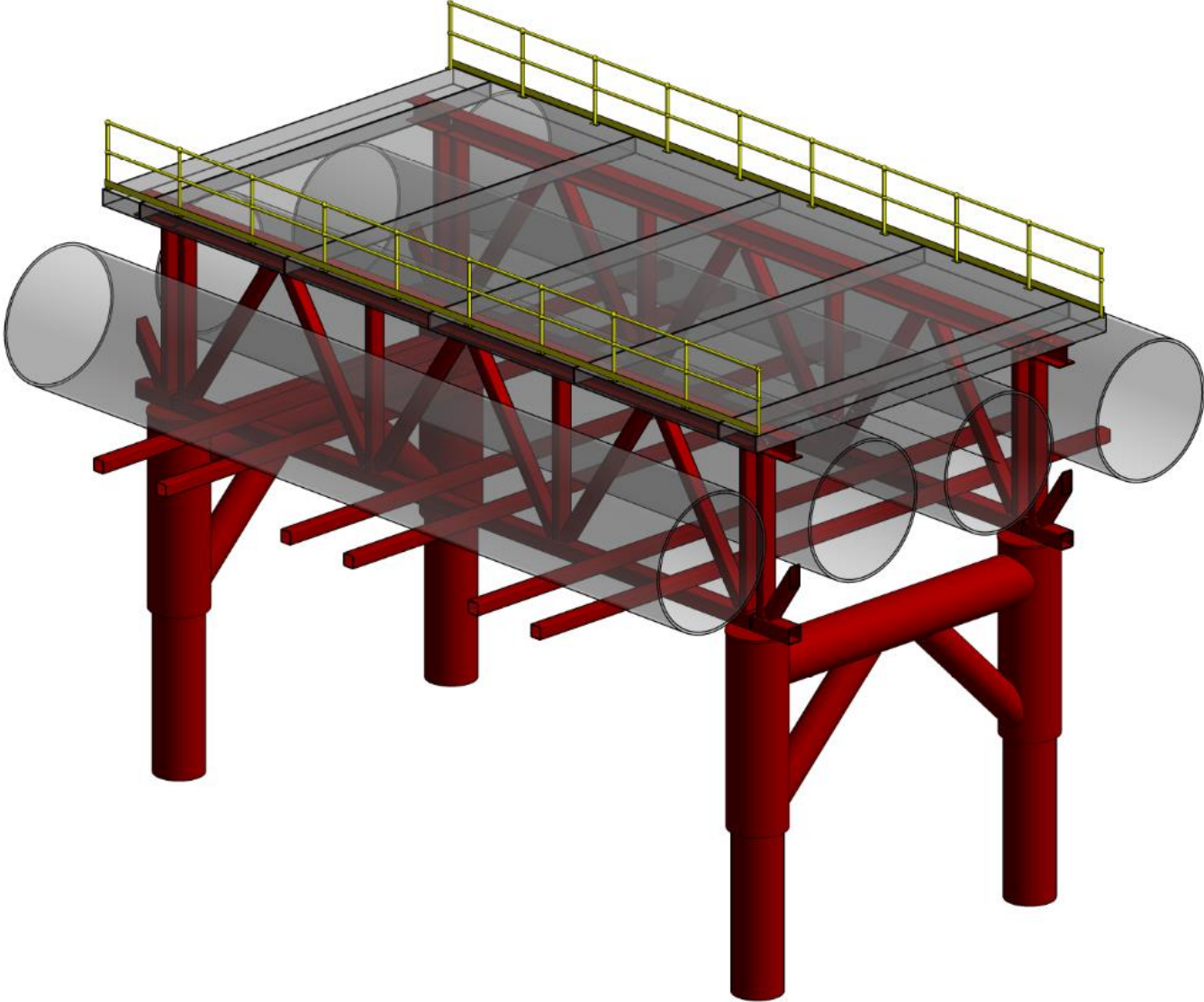
Seawater Intake Structure – Section View (Option A)



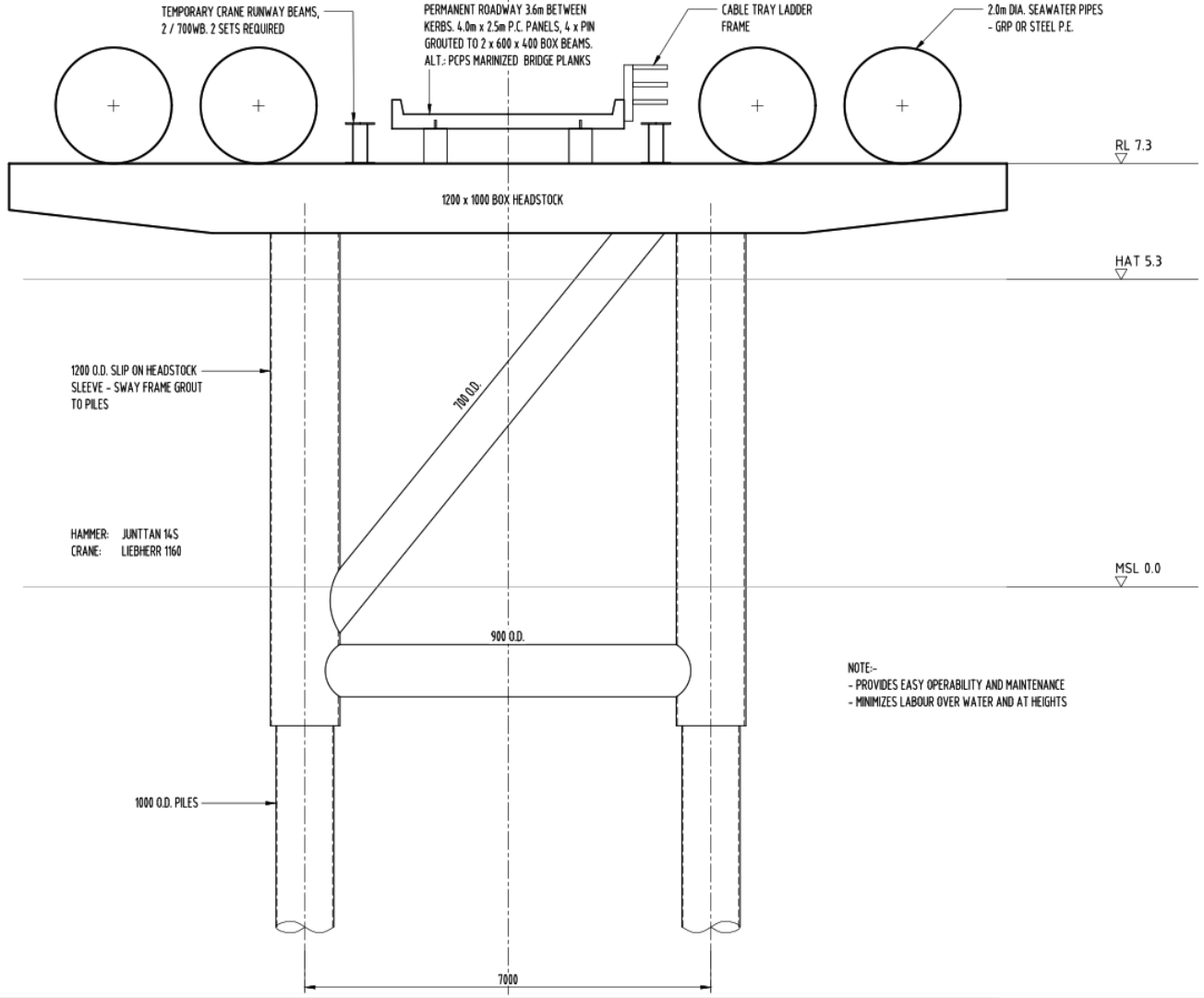
Seawater Intake Structure – Section View (Option B, shorten structure and lower pipes)



Seawater Intake Structure – Cross Section (Option 1)



Seawater Intake Structure – 3D Module View (Option 1)



Seawater Intake Structure – Cross Section (Option 2)