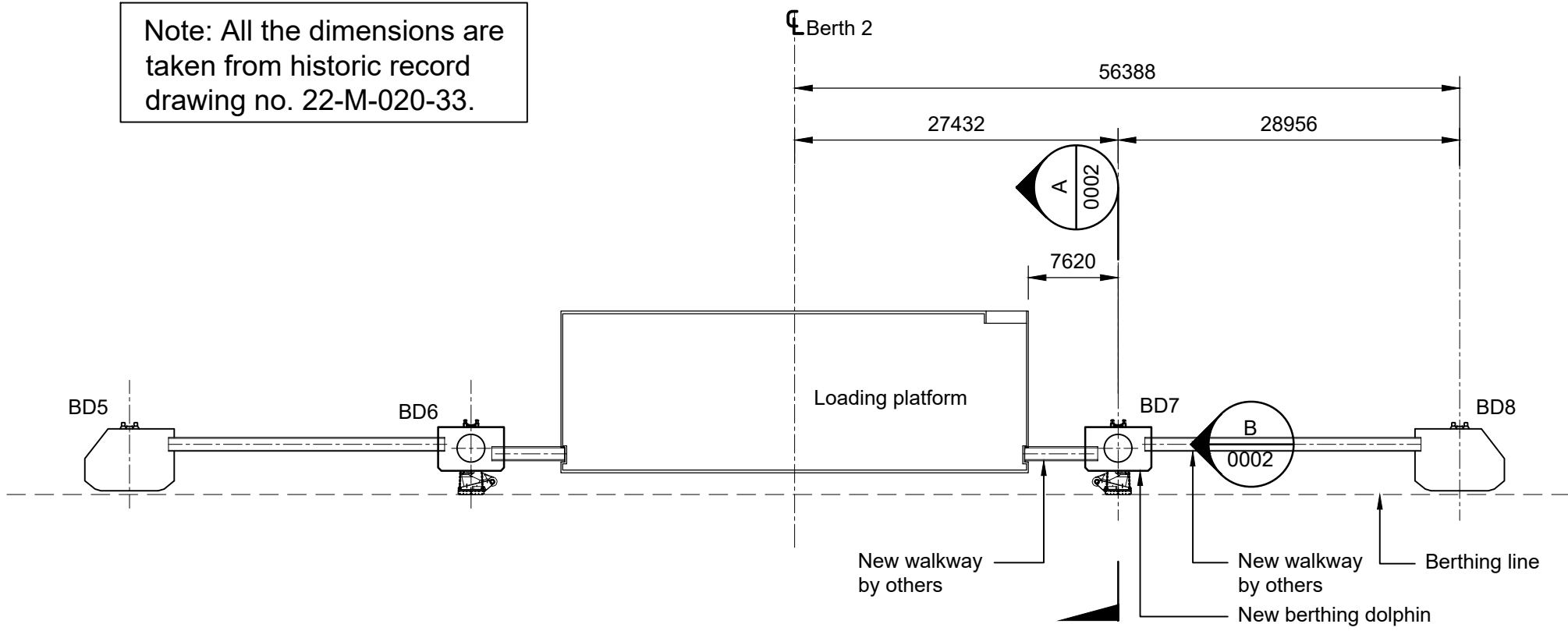
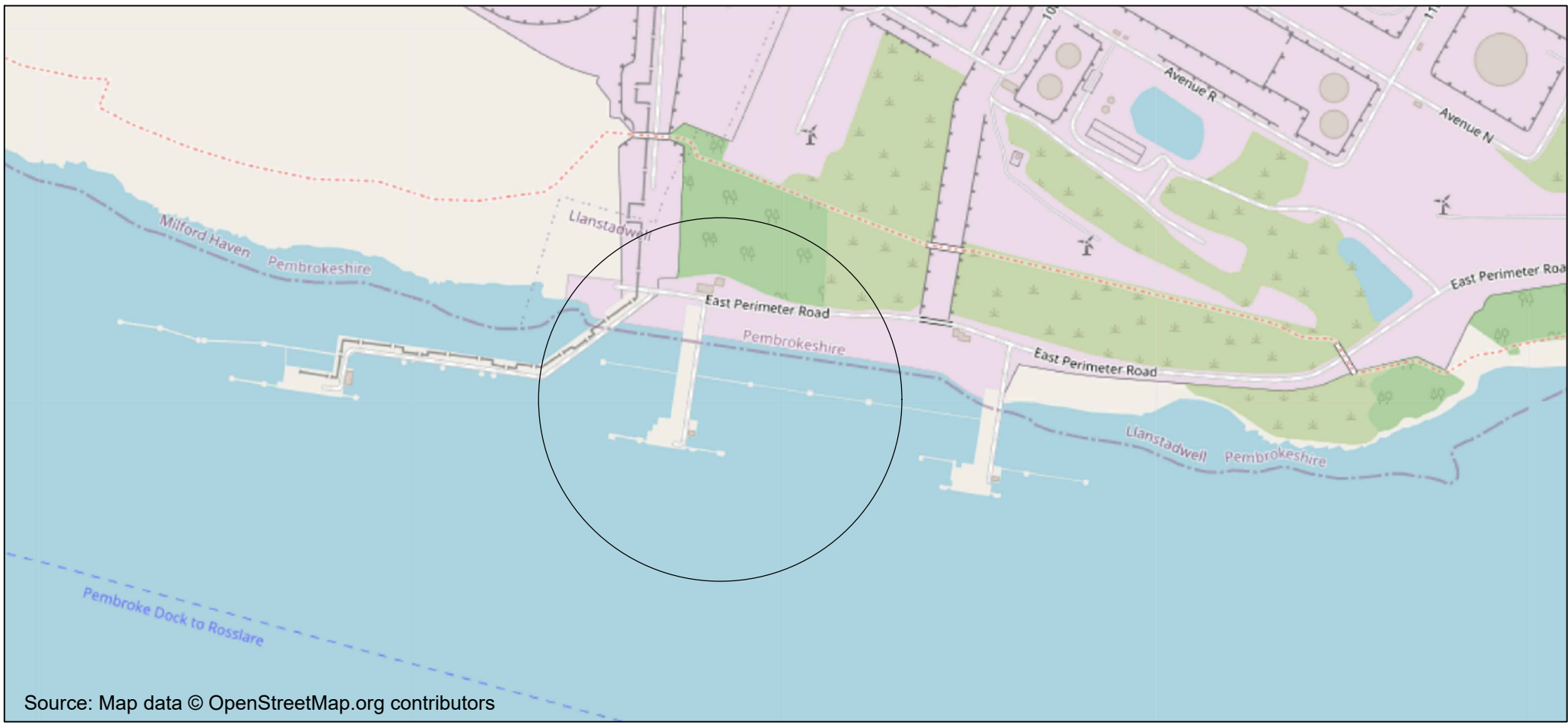


Note: All the dimensions are taken from historic record drawing no. 22-M-020-33.

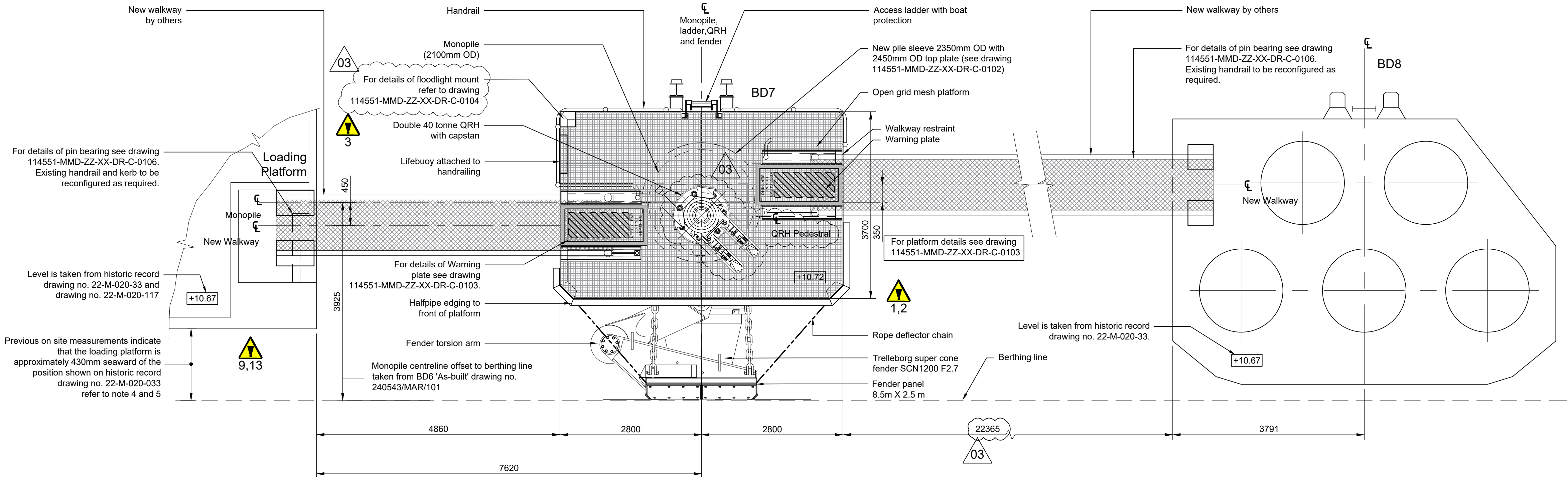


Layout Plan
1:500

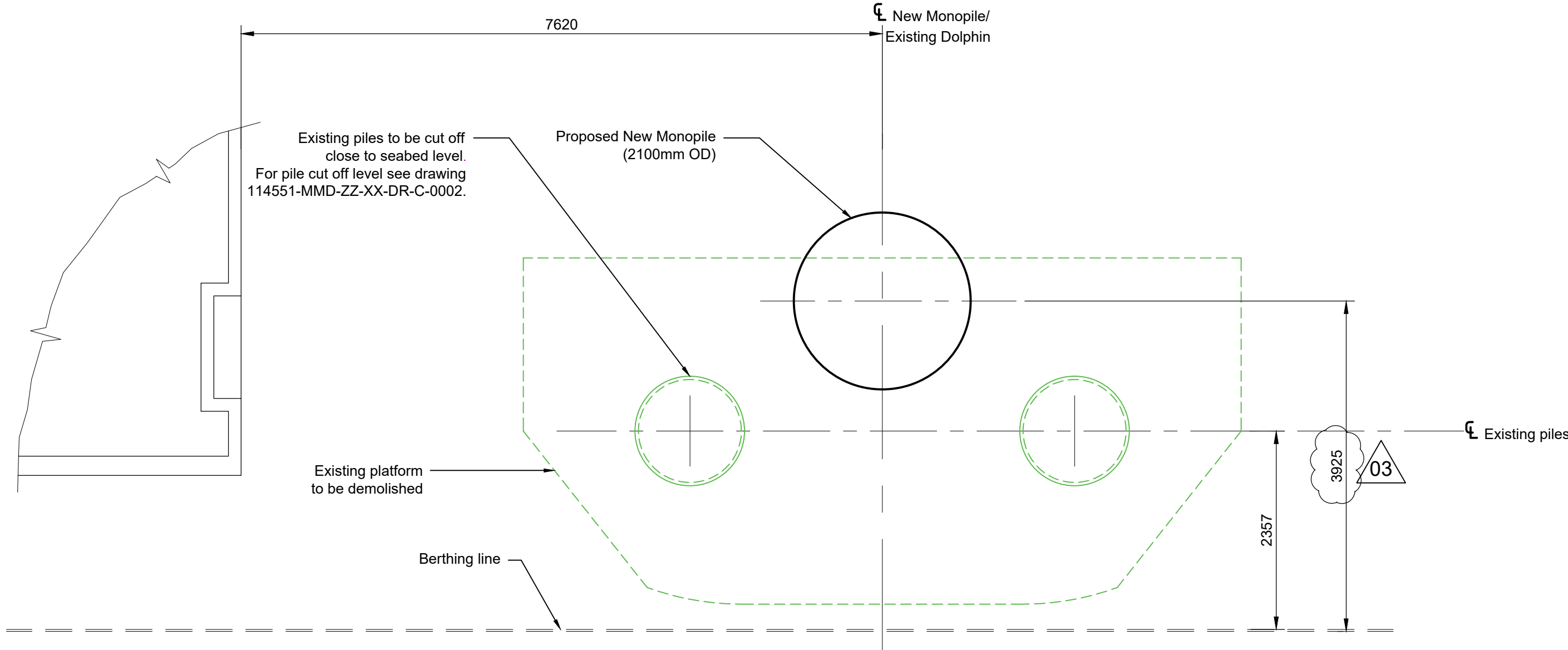


Source: Map data © OpenStreetMap.org contributors

Location Plan
NTS



Plan on Berthing Dolphin BD7
1:50



Existing Plan on Berthing Dolphin BD7
1:50

Notes

- All dimensions are in millimeters unless noted otherwise.
- All levels are in meters relative to Chart Datum (CD).
- Do not scale any items or information from this drawing set.
- CD is 3.71m below Ordnance Datum (OD) at Milford Haven.
- Design dredge level is assumed to be -16.80m CD which can be corroborated by drawing no. Milford Haven Bathymetry Chart E5-2. The design has also assumed an allowance of 0.5m to account for scour.
- Cut slope taken from Mott MacDonald drawing 'SemLogistics Milford Haven' Berthing Dolphin 6 Replacement - Monopile General Arrangement Sheet 2' dated March 2009.
- Refer to the Designer's Hazard Elimination Management Record (DHEMR) 114551-MMD-ZZ-XX-RP-C-0003, which states hazards, their risks and mitigation measures, expected at this stage. The following significant hazards have been identified and have been noted according to their Hazard Reference No. in the DHEMR.



Residual Risk Assessment
Wherever possible, risk is designed-out of this proposal during the design process. Where this is not possible, the risk will be minimised and any residual significant risk will be noted and indicated by the hazard symbol.

- Working over water
- Working over tidal water
- Diversion and reinstatement of existing services
- Reduced clearance to loading platform
- Vessel impact to jetty head due to excessive deflection of the berthing dolphin.

Key to symbols

CL	Centerline
OD	Outer diameter
BD	Berthing Dolphin
QRH	Quick release hook
Open grid mesh platform	
New walkway	

Reference drawings

114551-MMD-ZZ-XX-DR-C-0002-General Arrangement - Section & Elev. Sheet 2 of 2
114551-MMD-ZZ-XX-DR-C-0101-Monopile Build-up
114551-MMD-ZZ-XX-DR-C-0102-Monopile Oversleeve Details
114551-MMD-ZZ-XX-DR-C-0103-Platform Details Sheet 1 of 2
114551-MMD-ZZ-XX-DR-C-0104-Platform Details Sheet 2 of 2
114551-MMD-ZZ-XX-DR-C-0105-Ladder Details
114551-MMD-ZZ-XX-DR-C-0106-Walkway End Details
114551-MMD-ZZ-XX-RP-C-0003-Designer's Hazard Elimination Management Record

P03	20.03.2024	JR	Minor amendments	JPF	KL
P02	02.02.2024	SS	Minor Amendments	JPF	RT
P01	31.01.2024	SS	First Issue	JPF	RT
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Valero Pembrokeshire Oil Terminal Ltd
Main Road
Waterston, Milford Haven
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SA73 1DR

Title
Valero Berthing Dolphin Replacement
Berthing Dolphin 7
General Arrangement - Plan & Location
Sheet 1 of 2

Designed	J. Rees	JR	Eng check	J. Fernandes	JPF
Drawn	S. Sahoo	SS	Coordination	J. Fernandes	JPF
Dwg check	R. Jones	RJ	Approved	R. Teixeira	RT

Scale at A1	Status	Rev	Security
As Shown	CON	P03	STD

Drawing Number
114551-MMD-ZZ-XX-DR-C-0001