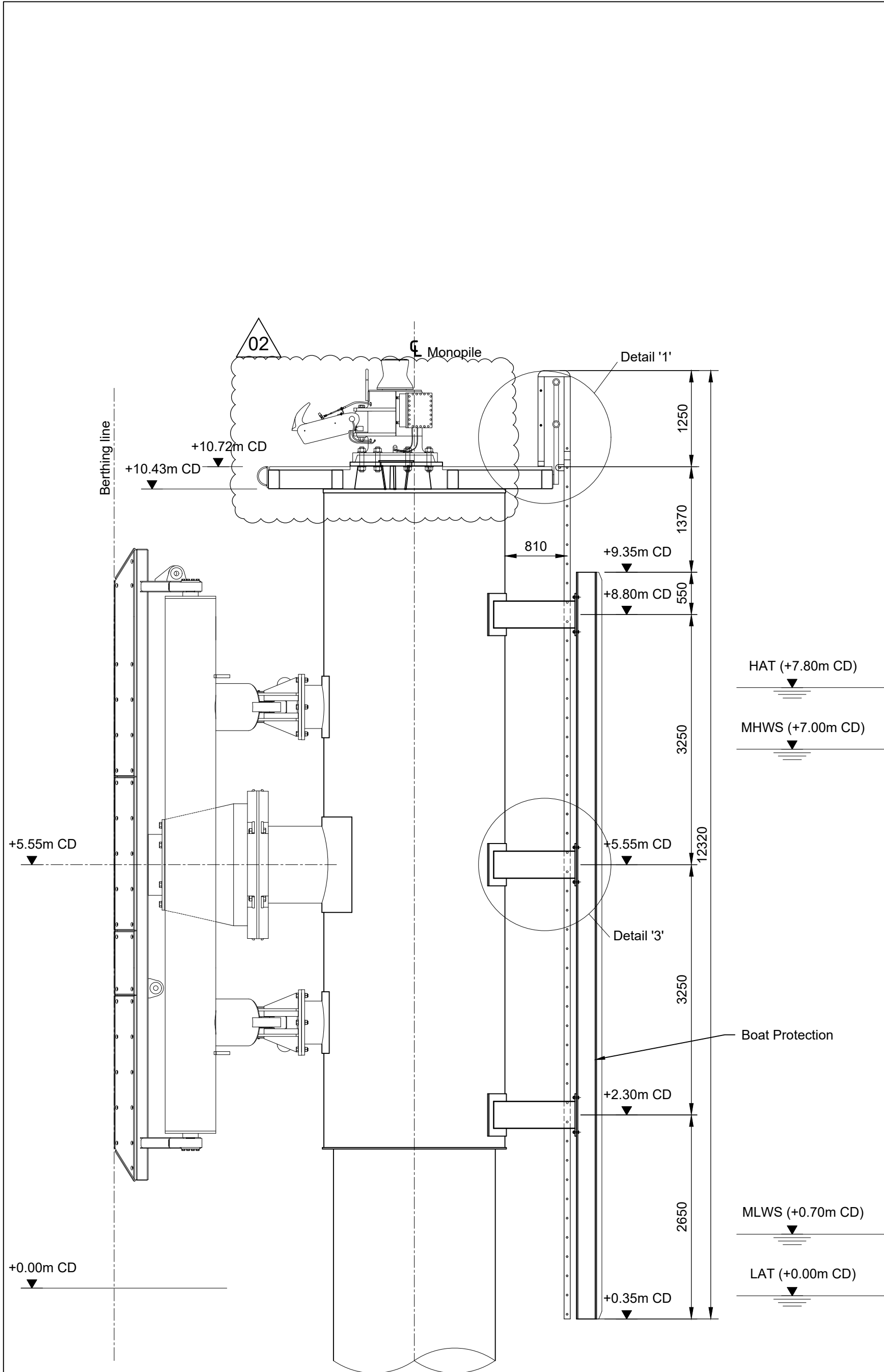
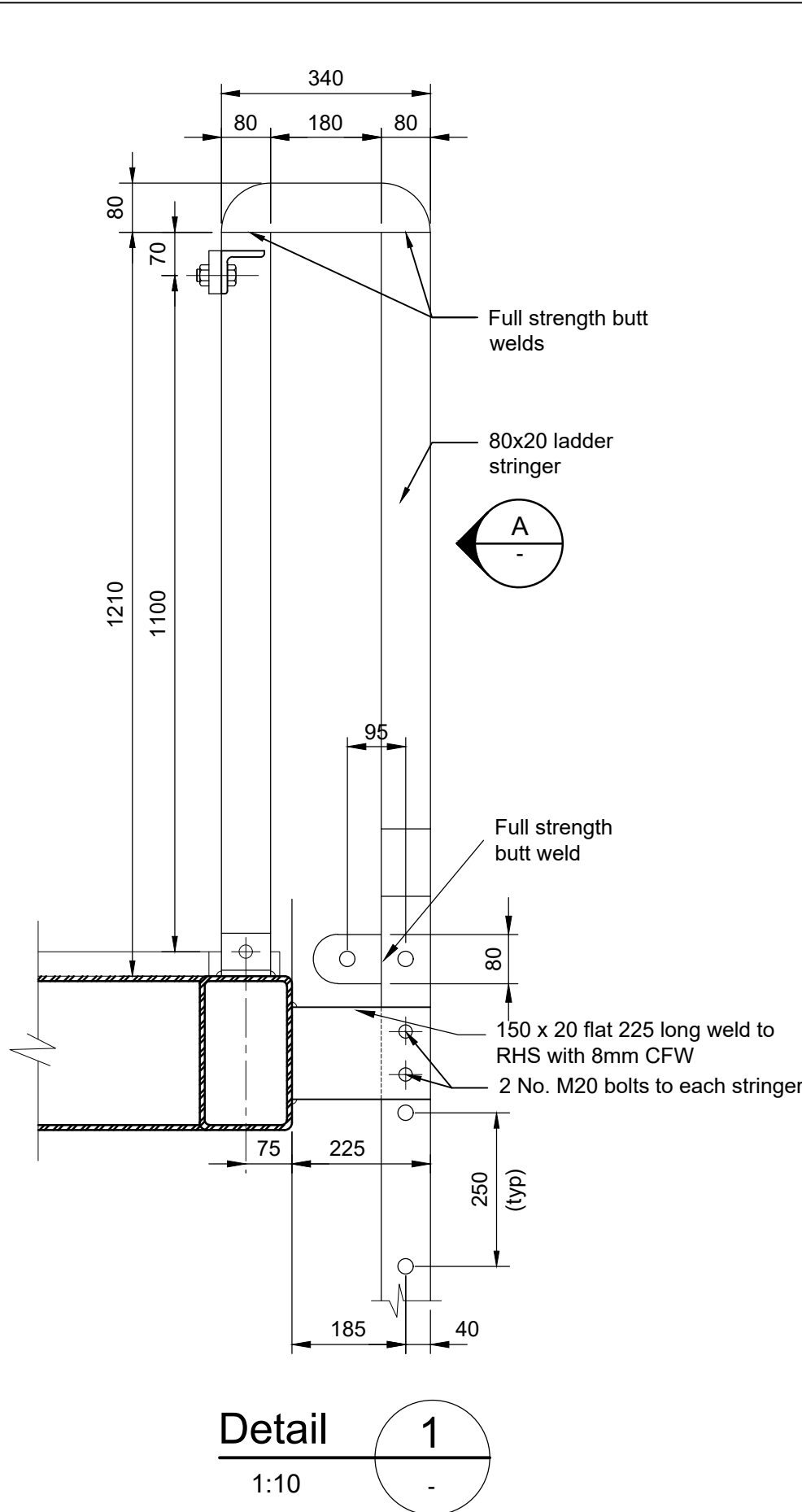
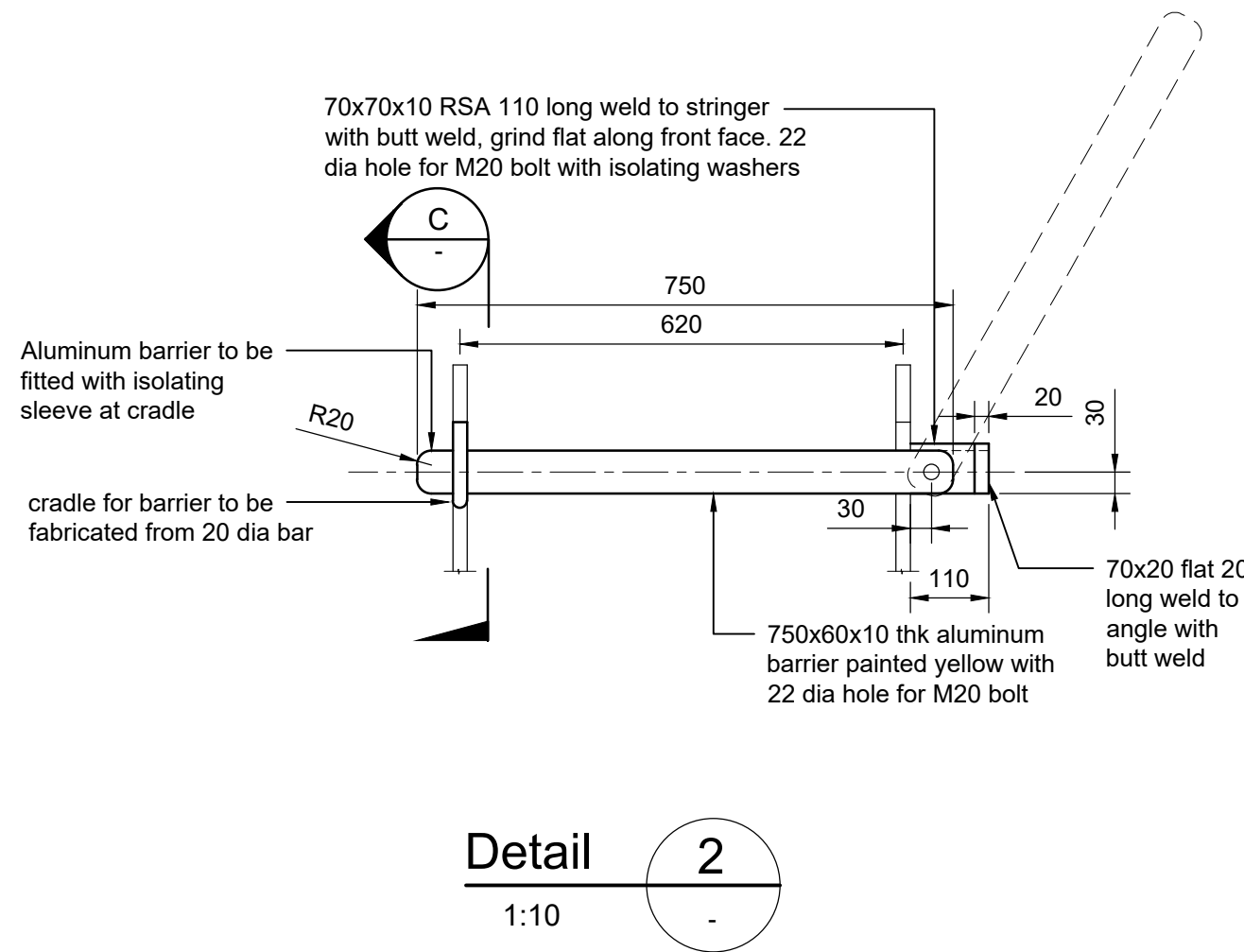




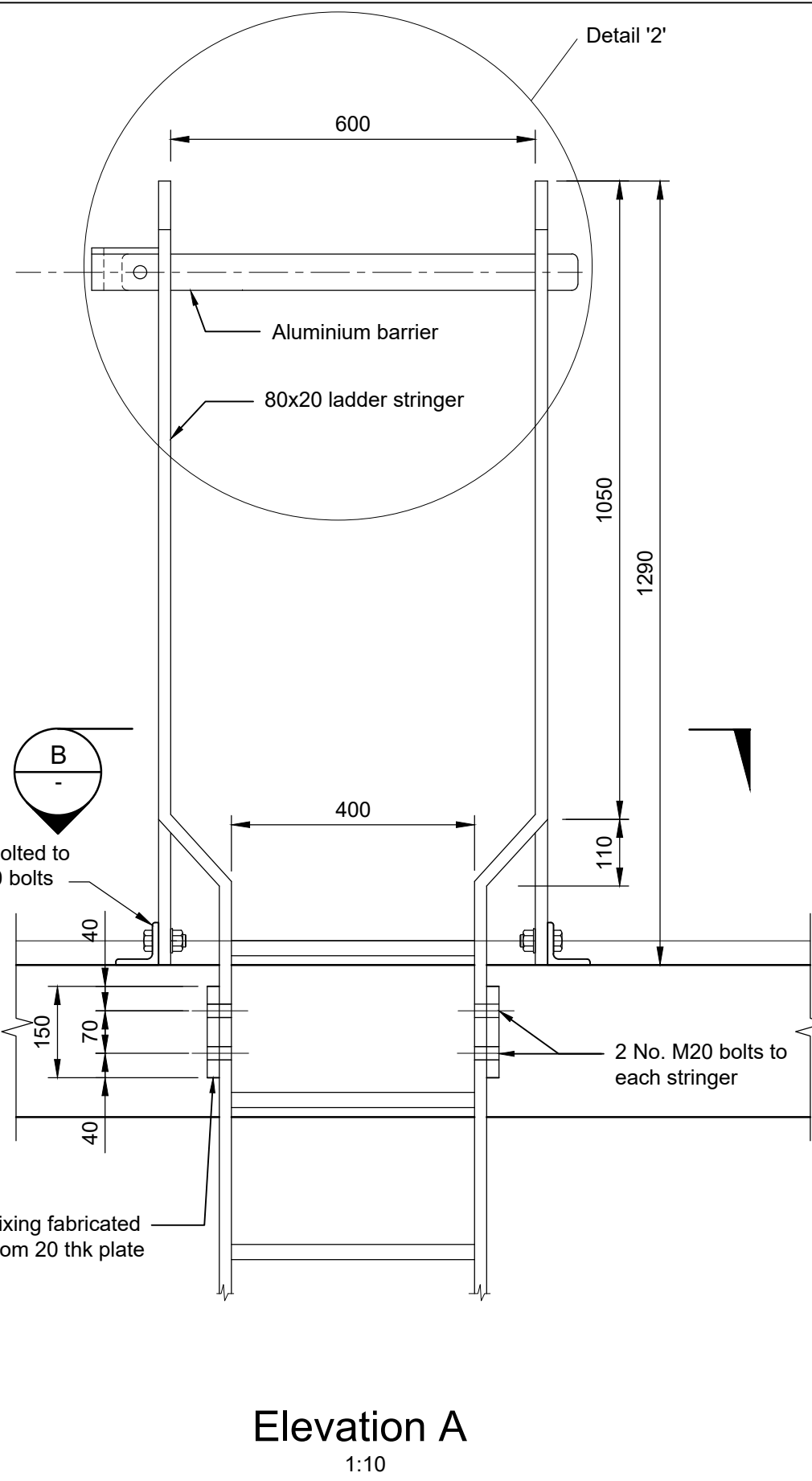
Side Elevation on ladder
1:50



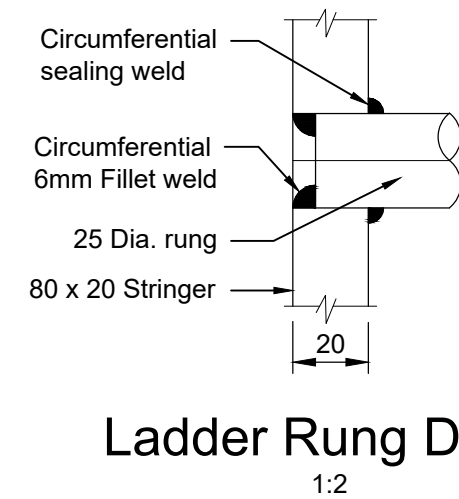
Detail 1
1:10



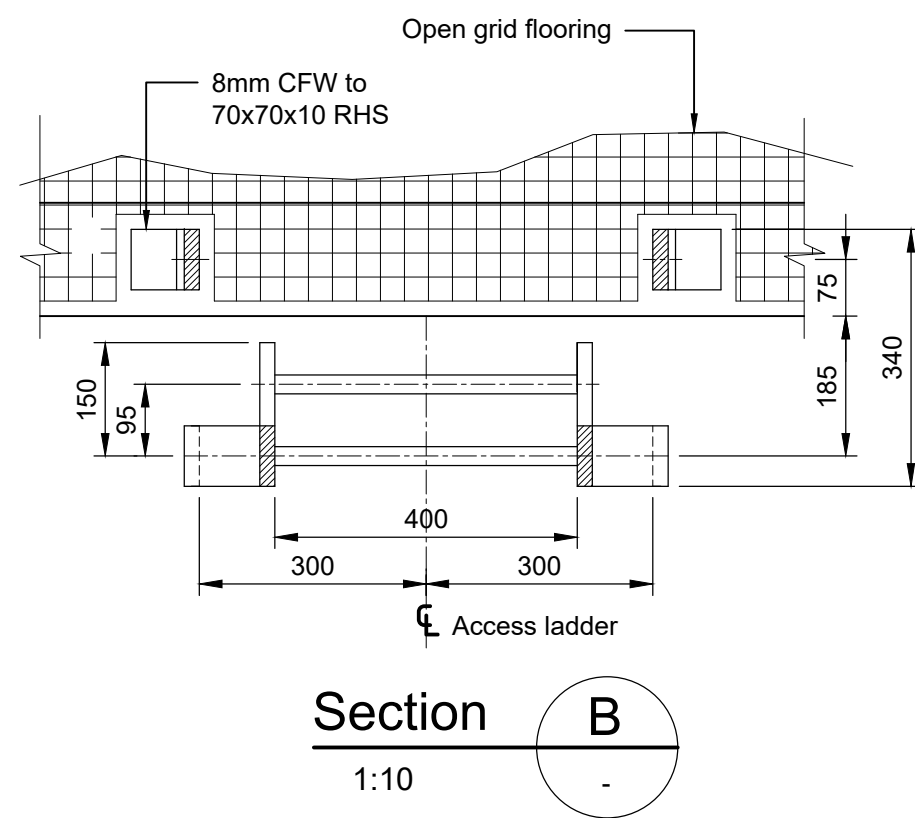
Detail 2
1:10



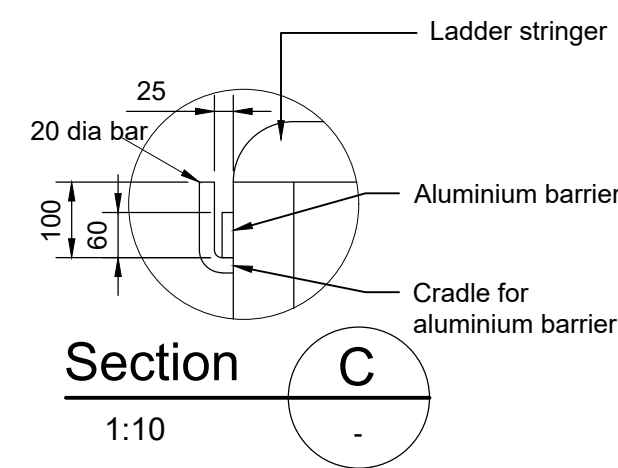
Elevation A
1:10



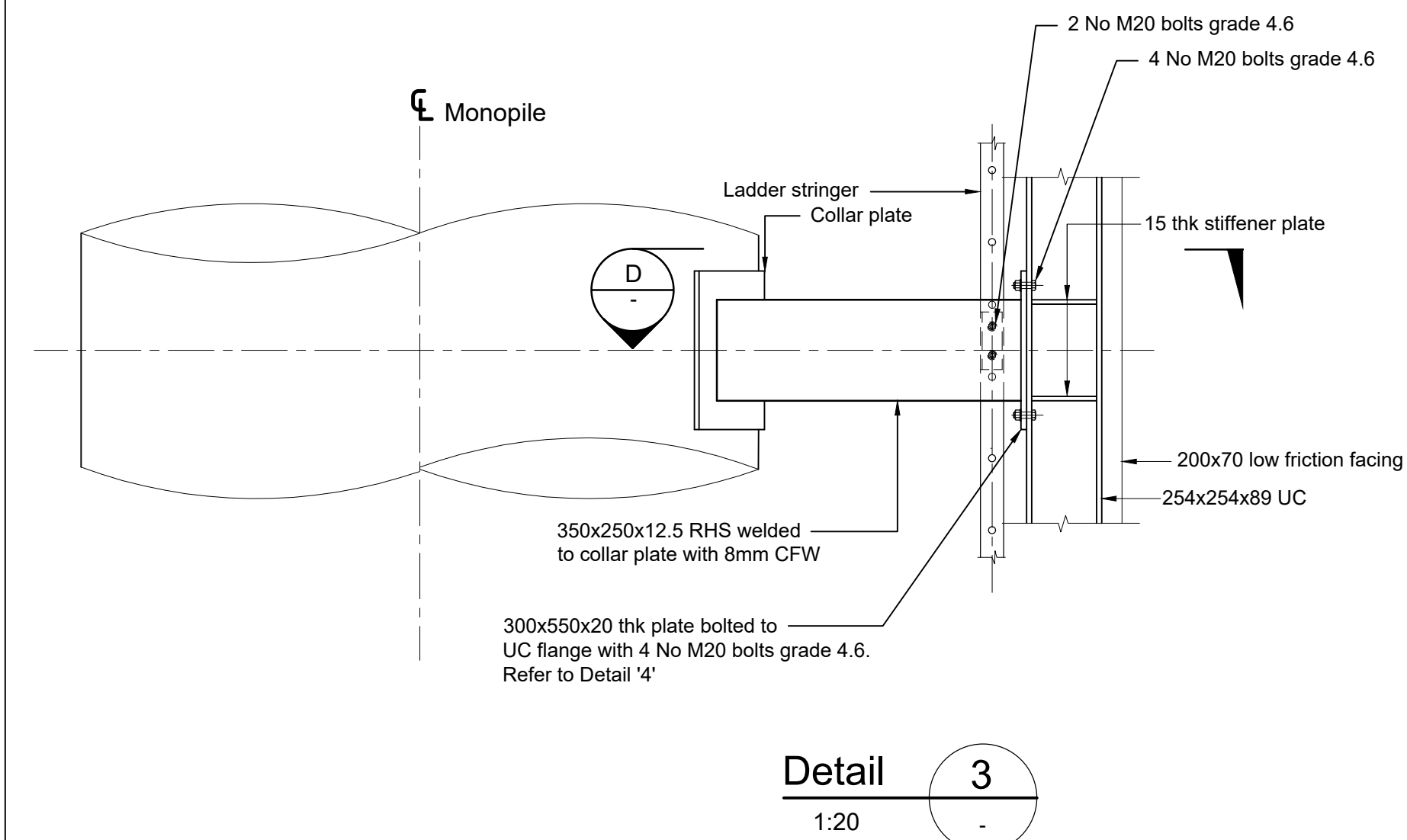
Ladder Rung Detail
1:2



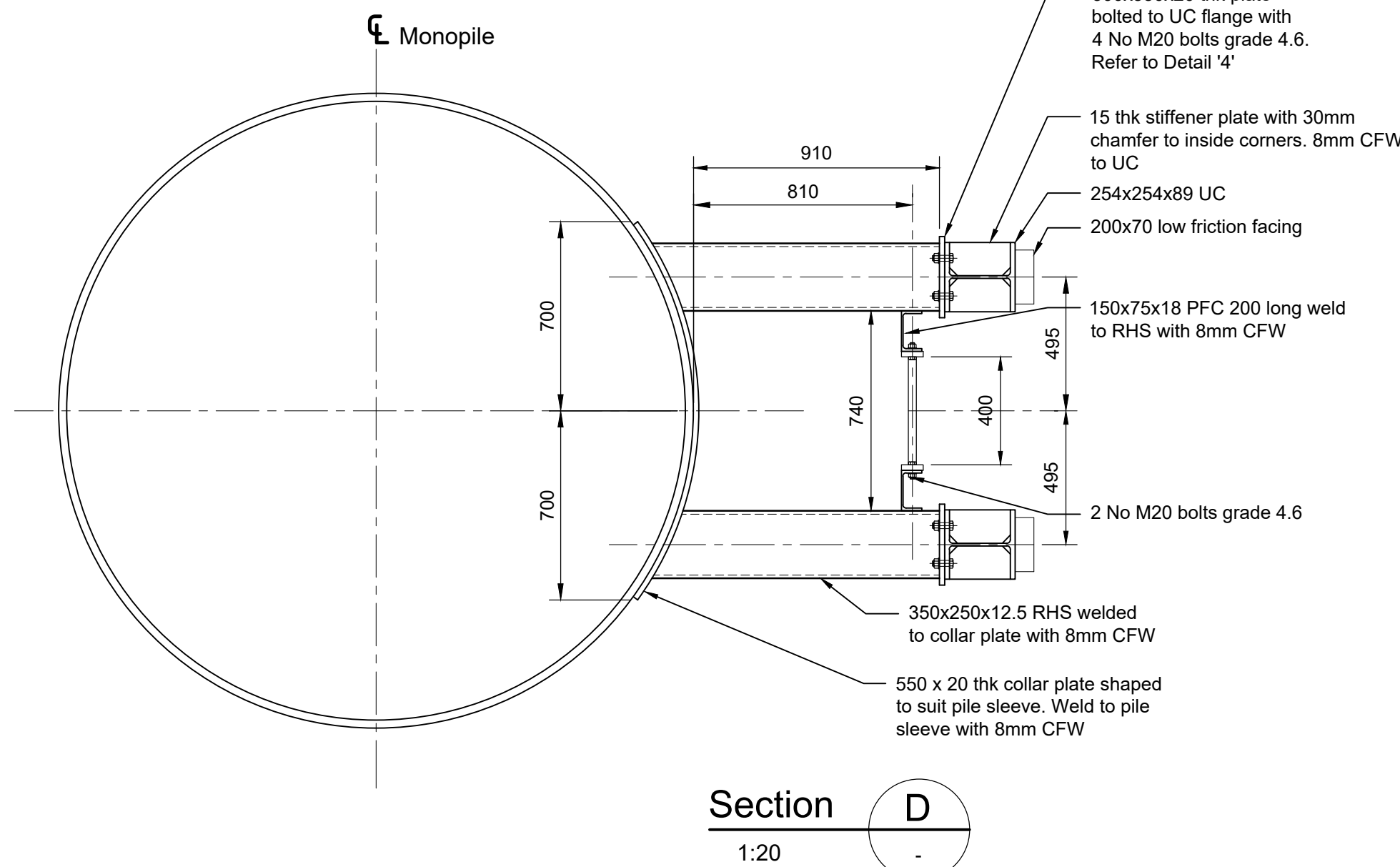
Section B
1:10



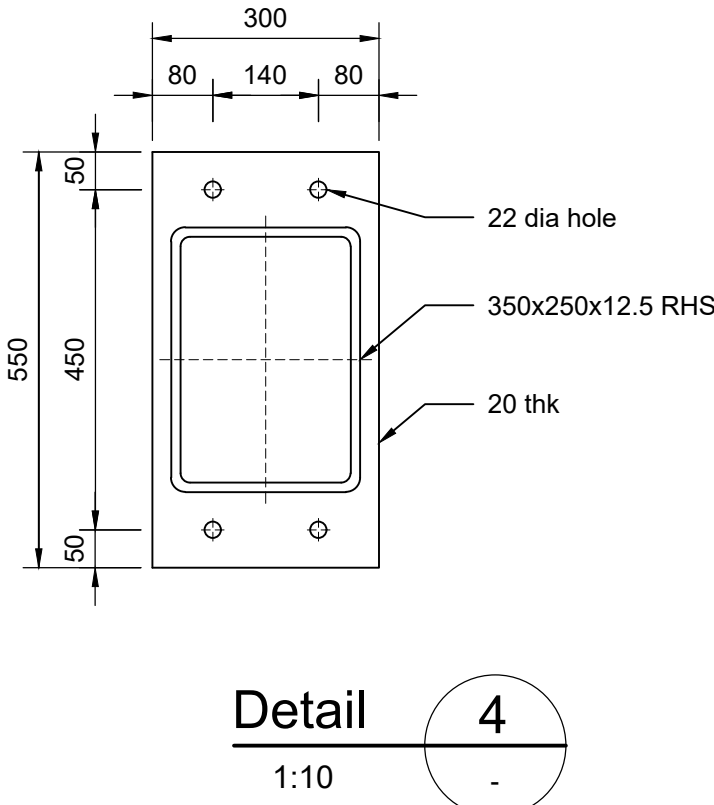
Section C
1:10



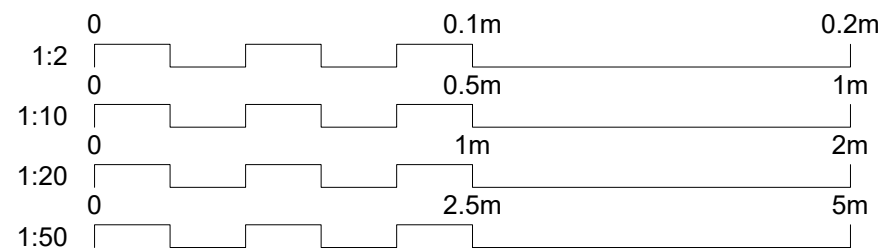
Detail 3
1:20



Section D
1:20



Detail 4
1:10



- Notes
- All dimensions are in millimetres 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.
 - The steelwork dimensions are for a mean temperature of 15°C. This is consistent with the average sea water temperature in Milford Haven in August (anticipated time of installation).
 - It is the responsibility of the Contractor to ensure that fabrication drawings are in compliance with the design drawings. Any differences to the details shown in the drawings should be reported immediately to the Designer.
 - All steelwork to be to Execution Class EXC2 to BS EN 1090-2: 2018.
 - Steelwork grades to be:
 - Hollow sections: S355J2H to BS EN 10210-1:2006
 - Rolled sections: S355J2+N to BS EN 10025-2:2019
 - Plates and stiffeners: S355J2+N to BS EN 10025-2:2019
 - All welded connection of the steelwork shall be shop-welded, on-site welding shall be avoided. All welds shall be self-cleaning and shed water.
 - Weld symbols are in accordance with BS EN ISO 2553:2013 System A.
 - Fillet welds are shown by leg length.



- All fillet welds shall be continuous on both sides of the joint unless shown otherwise.
- Any additional welds that the fabricator may wish to use (e.g. to secure lifting devices) shall be subject to the approval of the Designer.
- The fabricator may propose alternative weld details to those indicated provided that they offer equivalent or better strength. The alternatives shall not be used unless agreed by the Designer.
- All bolting assemblies shall be to BS EN 14399 unless noted otherwise.
- All bolts on ladder PFC to RHS connections to be M20 grade 4.6 bolts and hole sizes to be 22Ø unless noted otherwise.
- Corrosion protection coating system to platform, QRH pedestal and fittings to be compliant with BS EN ISO 12944 for corrosivity category CX and immersion category Im4, with a life to first maintenance of at least 15 years.

02

Key to symbols

CL	Centerline
CFW	Continuous fillet weld
RHS	Rectangular hollow section
RSA	Rolled Steel Angle
PFC	Parallel Flange Channel
thk	Thickness

Reference drawings

114551-MMD-ZZ-XX-DR-C-0001-General Arrangement - Plan & Location Sheet 1 of 2
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 Oversteeve 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-0106-Walkway End Details
114551-MMD-ZZ-XX-RP-C-0003-Designer's Hazard Elimination Management Record.

P02	20.03.2024	JR	QRH pedestal. Notes ammended	JPF	KL
P01	08.02.2024	SS	For review and comment	JPF	KL
Rev	Date	Drawn	Description	Ch'k'd	App'd

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

Title
Valero Berthing Dolphin Replacement
Berthing Dolphin 7
Ladder Details

Designed	J. Rees	JR	Eng check	J. Fernandes	JPF
Drawn	S. Sahoo	SS	Coordination	J. Fernandes	JPF
Dwg check	R. Jones	RS	Approved	K. Lee	KL
Scale at A1	Status	Rev	Security		
As Shown	PRE	P02	STD		

Drawing Number
114551-MMD-ZZ-XX-DR-C-0105