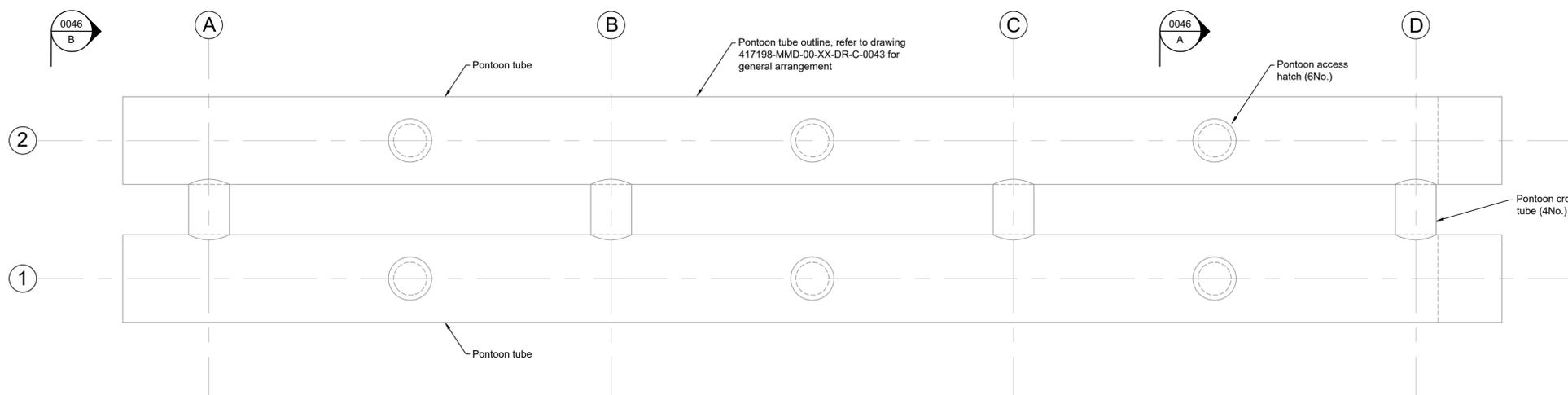


Berthing Pontoon - Gridline Arrangement at Deck Level

Scale 1:50



Berthing Pontoon - Gridline Arrangement at Tube Level

Scale 1:50

- Notes
- This drawing shall be read in conjunction with all parts of the Works Information.
  - Works shall be executed in accordance with the Specification and as set out in the Works Information.
  - The Project Manager shall be notified immediately of any discrepancies encountered during execution.
  - All dimensions are in millimetres (mm) unless noted otherwise.
  - The drawing shall not be scaled. FOLLOW WRITTEN DIMENSIONS ONLY.
  - Dimensions marked with an asterisk (\*) shall be confirmed on site by the Contractor.
  - Proprietary items shall be stored, handled, and installed in strict accordance with the manufacturer's written instructions including all COSHH data.
  - Steelwork:
    - Steelwork shall be Grade S355 J2 unless noted otherwise. Pontoon tubes shall be Grade 275 J2.
    - Steelwork shall be protectively coated in accordance with Specification Appendix 19/5.
    - All bolts shall be supplied complete with matching washers and nuts, and be galvanized Grade 8.8 to BS 4190 unless noted otherwise.
    - All bolts shall be provided with locking devices i.e. spring washer, serrated washer, Nylok nut or accepted equivalent.
    - All welds shall be 6mm continuous fillet welds unless noted otherwise.

Key to symbols



Reference drawings

- 417198-MMD-00-XX-DR-C-0000 Series - Site Location Drawings
- 417198-MMD-00-XX-DR-C-0010 Series - General Arrangement Drawings
- 417198-MMD-00-XX-DR-C-0020 Series - Pontoon Guide Pile Drawings
- 417198-MMD-00-XX-DR-C-0030 Series - Access Platform & Misc. Civil Works
- 417198-MMD-00-XX-DR-C-0040 - Pontoon GA - Gridlines & Setting Out
- 417198-MMD-00-XX-DR-C-0041 - Pontoon GA - Deck Level
- 417198-MMD-00-XX-DR-C-0042 - Pontoon GA - Deck Support Steelwork Level
- 417198-MMD-00-XX-DR-C-0043 - Pontoon GA - Pontoon Tube Level
- 417198-MMD-00-XX-DR-C-0044 - Elevation on Berthing Face
- 417198-MMD-00-XX-DR-C-0045 - Pontoon Long Section
- 417198-MMD-00-XX-DR-C-0046 - Pontoon Cross Sections
- 417198-MMD-00-XX-DR-C-0047 - Pile Guide Bracket - GA & Details (Sht 1 of 2)
- 417198-MMD-00-XX-DR-C-0048 - Pile Guide Bracket - GA & Details (Sht 2 of 2)
- 417198-MMD-00-XX-DR-C-0049 - Deck Level - Details & Connections
- 417198-MMD-00-XX-DR-C-0050 - Deck Support Steelwork - Details & Connections
- 417198-MMD-00-XX-DR-C-0051 - Pontoon Tubes Details & Connections (Sht 1 of 2)
- 417198-MMD-00-XX-DR-C-0052 - Pontoon Tubes Details & Connections (Sht 2 of 2)
- 417198-MMD-00-XX-DR-C-0053 - Marine Furniture Details
- 417198-MMD-00-XX-DR-C-0054 - Ballast Requirements

Rev	Date	Drawn	Description	Ch'k'd	App'd
1	29/03/2021	EW	For Tender	JM	MR
0	19/03/2021	EW	Draft - For Approval	JM	MR

**MOTT MACDONALD**

Greenhead  
Lerwick  
Shetland  
ZE1 0PY  
T +44 (0)1595 695049  
F +44 (0)1595 693404  
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Client

RNLI  
Estates Office  
West Quay Road  
Poole, Dorset  
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**Lifeboats**

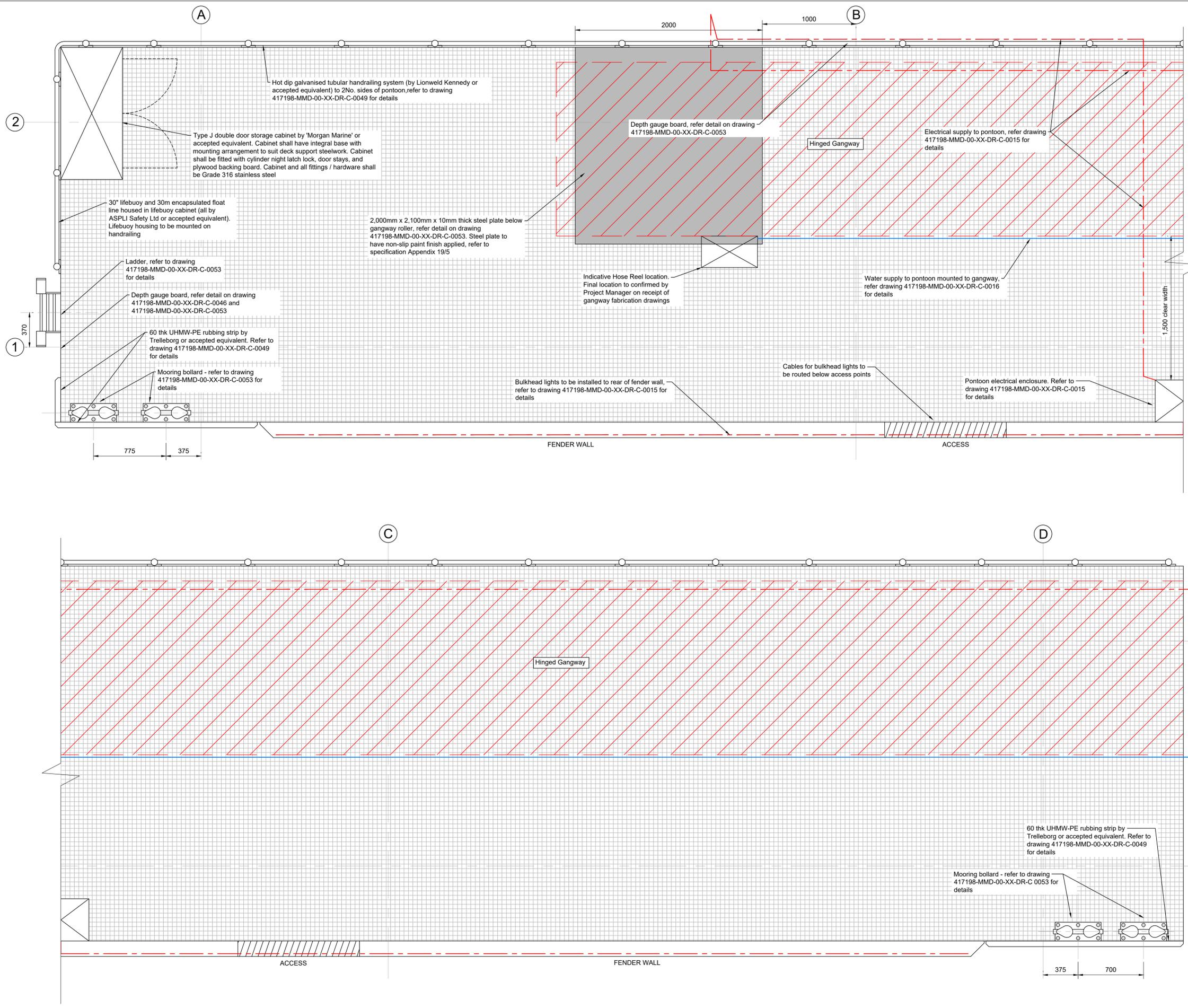
Title

RNLI Aith Lifeboat Station  
Pontoon Berthing Structure  
Pontoon General Arrangement  
Gridlines and Setting Out

Designed	D Brunner	DB	Eng check	S Hillier	SH
Drawn	E Wishart	EW	Coordination	J Moncreiff	JM
Dwg check	J Moncreiff	DB	Approved	M Ross	MR
Scale at A1	Status	Rev	Security		
1:50	TEN	1	STD		

Drawing Number  
417198-MMD-00-XX-DR-C-0040





Notes  
 1. All dimensions are in millimetres (mm) unless noted otherwise.  
 2. For standard notes refer to drawing 417198-MMD-00-XX-DR-C-0040.

Key to symbols

- Plan footprint of gangway
- GRP decking
- Steel decking
- Access points across fender wall to Lifeboat
- Grid line
- Incoming electrical supply route
- Cold water service

Reference drawings  
 417198-MMD-00-XX-DR-C-0000 Series - Site Location Drawings  
 417198-MMD-00-XX-DR-C-0010 Series - General Arrangement Drawings  
 417198-MMD-00-XX-DR-C-0020 Series - Pontoon Guide Pile Drawings  
 417198-MMD-00-XX-DR-C-0030 Series - Access Platform & Misc. Civil Works  
 417198-MMD-00-XX-DR-C-0040 - Pontoon GA - Gridlines & Setting Out  
 417198-MMD-00-XX-DR-C-0041 - Pontoon GA - Deck Level  
 417198-MMD-00-XX-DR-C-0042 - Pontoon GA - Deck Support Steelwork Level  
 417198-MMD-00-XX-DR-C-0043 - Pontoon GA - Pontoon Tube Level  
 417198-MMD-00-XX-DR-C-0044 - Elevation on Berthing Face  
 417198-MMD-00-XX-DR-C-0045 - Pontoon Long Section  
 417198-MMD-00-XX-DR-C-0046 - Pontoon Cross Sections  
 417198-MMD-00-XX-DR-C-0047 - Pile Guide Bracket - GA & Details (Sht 1 of 2)  
 417198-MMD-00-XX-DR-C-0048 - Pile Guide Bracket - GA & Details (Sht 2 of 2)  
 417198-MMD-00-XX-DR-C-0049 - Deck Level - Details & Connections  
 417198-MMD-00-XX-DR-C-0050 - Deck Support Steelwork - Details & Connections  
 417198-MMD-00-XX-DR-C-0051 - Pontoon Tubes Details & Connections (Sht 1 of 2)  
 417198-MMD-00-XX-DR-C-0052 - Pontoon Tubes Details & Connections (Sht 2 of 2)  
 417198-MMD-00-XX-DR-C-0053 - Marine Furniture Details  
 417198-MMD-00-XX-DR-C-0054 - Ballast Requirements

Rev	Date	Drawn	Description	Ch'k'd	App'd
1	29/03/2021	EW	For Tender	JM	MR
0	19/03/2021	EW	Draft - For Approval	JM	MR

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Greenhead  
 Lerwick  
 Shetland  
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 T +44 (0)1595 695049  
 F +44 (0)1595 693404  
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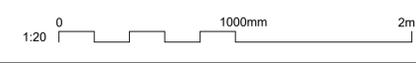
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 Estates Office  
 West Quay Road  
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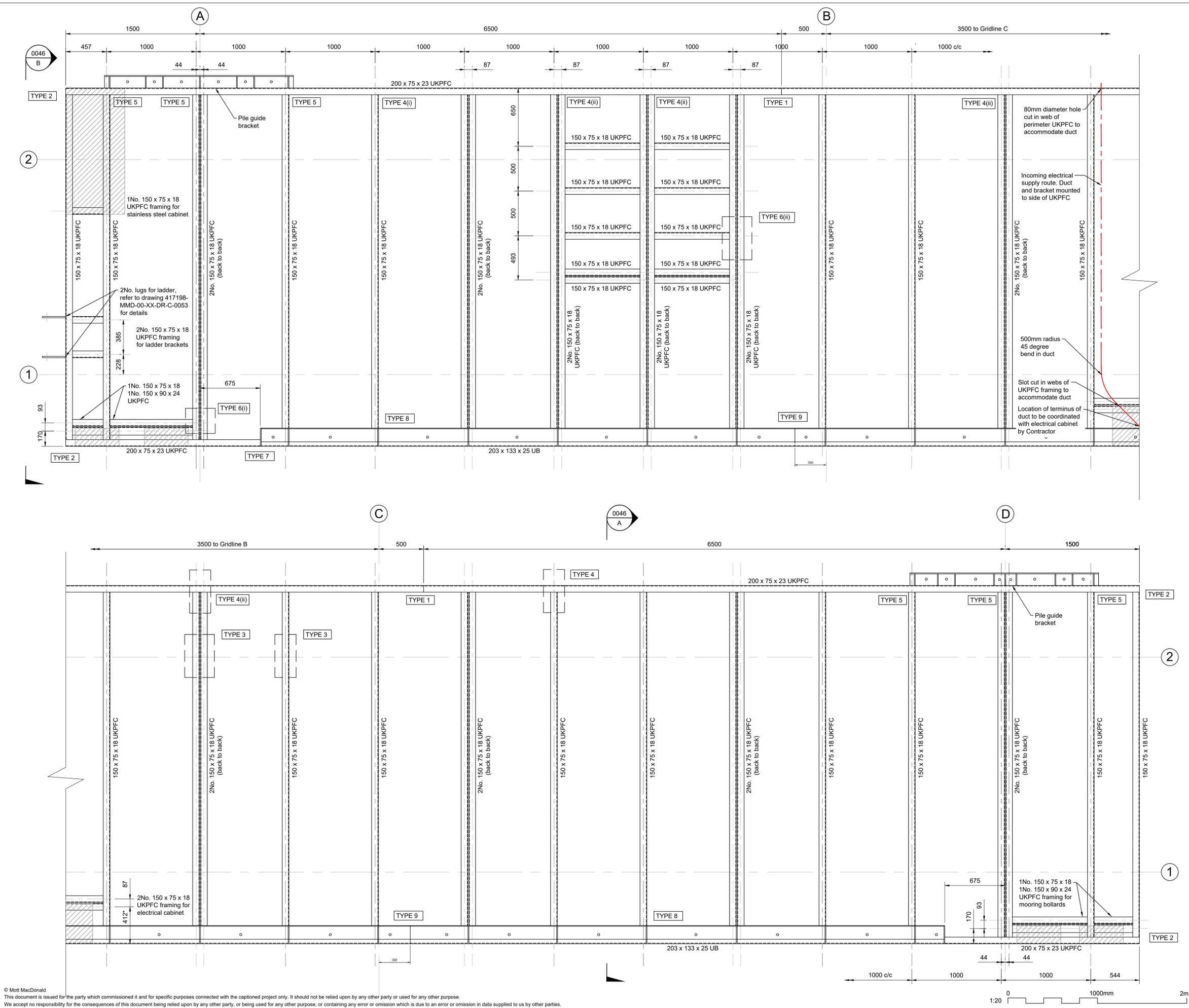


Title  
**RNLI Aith Lifeboat Station**  
 Pontoon Berthing Structure  
 Pontoon General Arrangement  
 Deck Level

Designed	D Brunner	DB	Eng check	S Hillier	SH
Drawn	E Wishart	EW	Coordination	J Moncreiff	JM
Dwg check	J Moncreiff	JM	Approved	M Ross	MR
Scale at A1	Status	Rev	Security		
1:20	TEN	1	STD		

Drawing Number  
**417198-MMD-00-XX-DR-C-0041**





Notes  
 1. All dimensions are in millimetres (mm) unless noted otherwise.  
 2. For standard notes refer to drawing 417198-MMD-00-XX-DR-C-0040.

Key to symbols

- Footprint of deck mounted equipment
- Connection type
- Grid line
- Electrical supply route

Reference drawings  
 417198-MMD-00-XX-DR-C-0000 Series - Site Location Drawings  
 417198-MMD-00-XX-DR-C-0010 Series - General Arrangement Drawings  
 417198-MMD-00-XX-DR-C-0020 Series - Pontoon Guide Pile Drawings  
 417198-MMD-00-XX-DR-C-0030 Series - Access Platform & Misc. Civil Works  
 417198-MMD-00-XX-DR-C-0040 - Pontoon GA - Gridlines & Setting Out  
 417198-MMD-00-XX-DR-C-0041 - Pontoon GA - Deck Level  
 417198-MMD-00-XX-DR-C-0042 - Pontoon GA - Deck Support Steelwork Level  
 417198-MMD-00-XX-DR-C-0043 - Pontoon GA - Pontoon Tube Level  
 417198-MMD-00-XX-DR-C-0044 - Elevation on Berthing Face  
 417198-MMD-00-XX-DR-C-0045 - Pontoon Long Section  
 417198-MMD-00-XX-DR-C-0046 - Pontoon Cross Sections  
 417198-MMD-00-XX-DR-C-0047 - Pile Guide Bracket - GA & Details (Sht 1 of 2)  
 417198-MMD-00-XX-DR-C-0048 - Pile Guide Bracket - GA & Details (Sht 2 of 2)  
 417198-MMD-00-XX-DR-C-0049 - Deck Level - Details & Connections  
 417198-MMD-00-XX-DR-C-0050 - Deck Support Steelwork - Details & Connections  
 417198-MMD-00-XX-DR-C-0051 - Pontoon Tubes Details & Connections (Sht 1 of 2)  
 417198-MMD-00-XX-DR-C-0052 - Pontoon Tubes Details & Connections (Sht 2 of 2)  
 417198-MMD-00-XX-DR-C-0053 - Marine Furniture Details  
 417198-MMD-00-XX-DR-C-0054 - Ballast Requirements

Rev	Date	Drawn	Description	Ch'k'd	App'd
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0	19/03/2021	EW	Draft - For Approval	JM	MR

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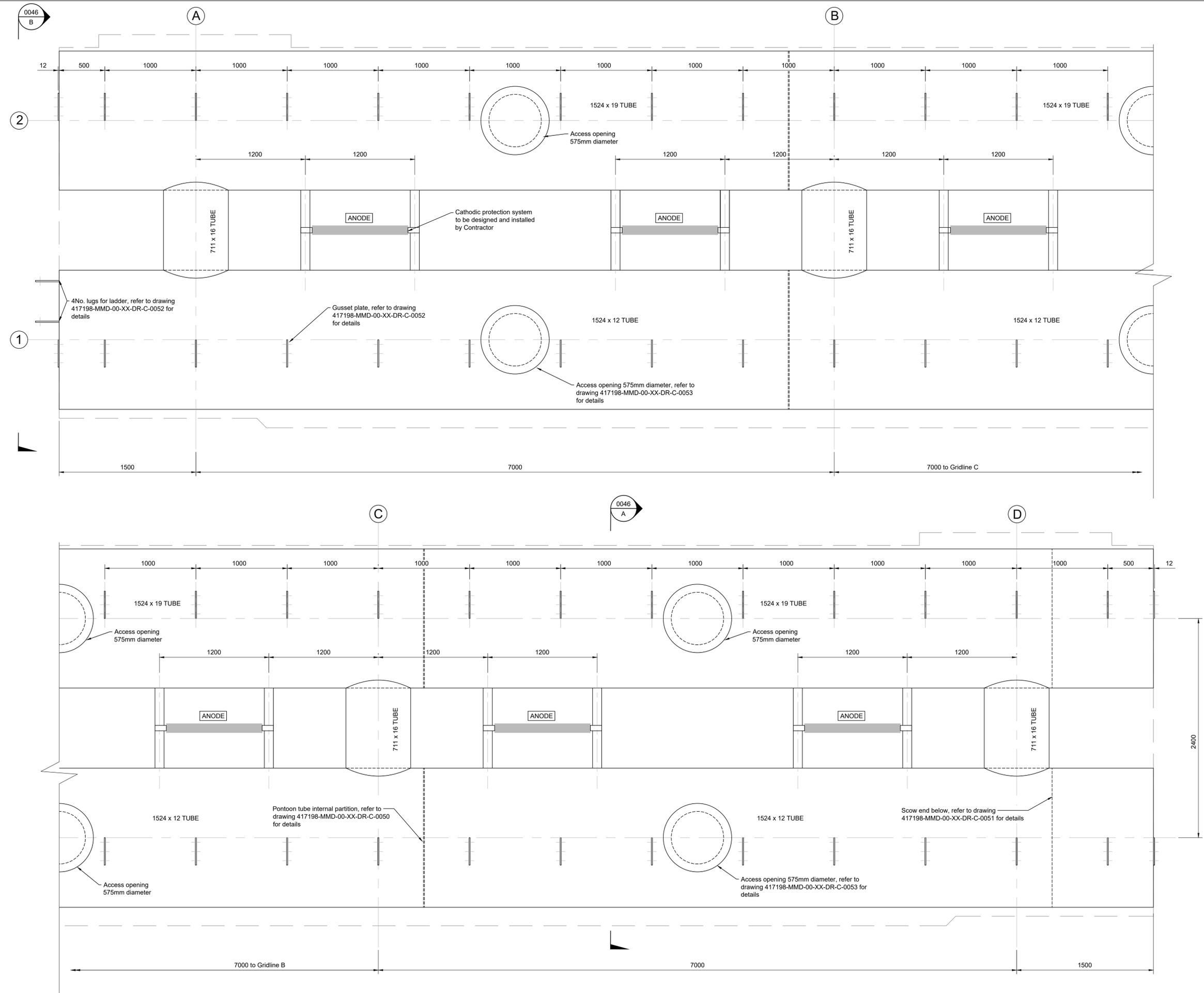
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Client  
**RNLI**  
 Estates Office  
 West Quay Road  
 Poole, Dorset  
 BH15 1HZ

Title  
**RNLI Aith Lifeboat Station**  
 Pontoon Berthing Structure  
 Pontoon General Arrangement  
 Deck Support Steelwork Level

Designed	D Brunner	DB	Eng check	S Hillier	SH
Drawn	E Wishart	EW	Coordination	J Moncreiff	JM
Dwg check	J Moncreiff	JM	Approved	M Ross	MR
Scale at A1	Status	Rev	Security		
1:20	TEN	1	STD		

Drawing Number  
**417198-MMD-00-XX-DR-C-0042**



Notes  
 1. All dimensions are in millimetres (mm) unless noted otherwise.  
 2. For standard notes refer to drawing 417198-MMD-00-XX-DR-C-0040.

Key to symbols  
 [Grey Box] Anodes (Contractor design - indicative arrangement shown)  
 (X) Grid line  
 [Dashed Line] Deck outline (excluding pile guide brackets)

Reference drawings  
 417198-MMD-00-XX-DR-C-0000 Series - Site Location Drawings  
 417198-MMD-00-XX-DR-C-0010 Series - General Arrangement Drawings  
 417198-MMD-00-XX-DR-C-0020 Series - Pontoon Guide Pile Drawings  
 417198-MMD-00-XX-DR-C-0030 Series - Access Platform & Misc. Civil Works  
 417198-MMD-00-XX-DR-C-0040 - Pontoon GA - Gridlines & Setting Out  
 417198-MMD-00-XX-DR-C-0041 - Pontoon GA - Deck Level  
 417198-MMD-00-XX-DR-C-0042 - Pontoon GA - Deck Support Steelwork Level  
 417198-MMD-00-XX-DR-C-0043 - Pontoon GA - Pontoon Tube Level  
 417198-MMD-00-XX-DR-C-0044 - Elevation on Berthing Face  
 417198-MMD-00-XX-DR-C-0045 - Pontoon Long Section  
 417198-MMD-00-XX-DR-C-0046 - Pontoon Cross Sections  
 417198-MMD-00-XX-DR-C-0047 - Pile Guide Bracket - GA & Details (Sht 1 of 2)  
 417198-MMD-00-XX-DR-C-0048 - Pile Guide Bracket - GA & Details (Sht 2 of 2)  
 417198-MMD-00-XX-DR-C-0049 - Deck Level - Details & Connections  
 417198-MMD-00-XX-DR-C-0050 - Deck Support Steelwork - Details & Connections  
 417198-MMD-00-XX-DR-C-0051 - Pontoon Tubes Details & Connections (Sht 1 of 2)  
 417198-MMD-00-XX-DR-C-0052 - Pontoon Tubes Details & Connections (Sht 2 of 2)  
 417198-MMD-00-XX-DR-C-0053 - Marine Furniture Details  
 417198-MMD-00-XX-DR-C-0054 - Ballast Requirements

Rev	Date	Drawn	Description	Ch'k'd	App'd
1	29/03/2021	EW	For Tender	JM	MR
0	19/03/2021	EW	Draft - For Approval	JM	MR

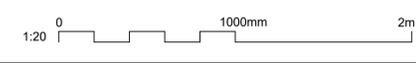
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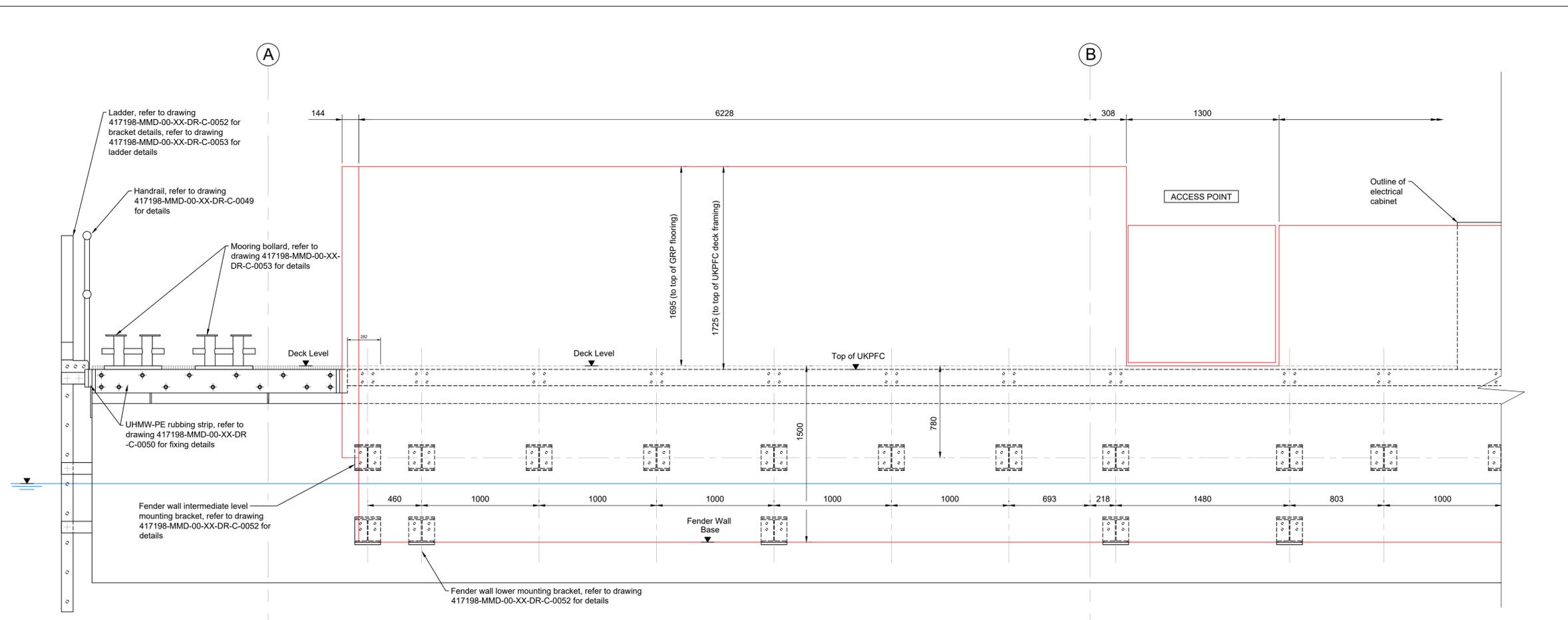
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 Estates Office  
 West Quay Road  
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Title  
**RNLI Aith Lifeboat Station**  
**Pontoon Berthing Structure**  
**Pontoon General Arrangement**  
**Pontoon Tube Level**

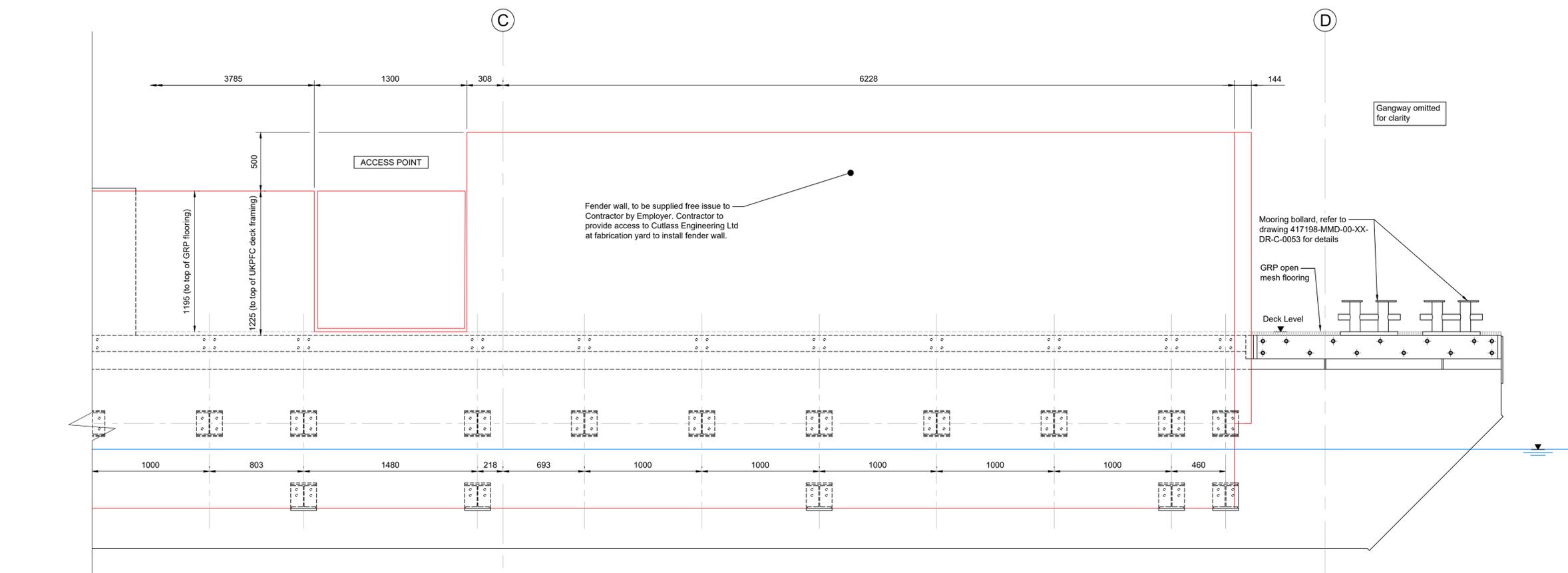
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Drawn	E Wishart	EW	Coordination	J Moncreiff	JM
Dwg check	J Moncreiff	JM	Approved	M Ross	MR
Scale at A1	Status	Rev	Security		
1:20	TEN	1	STD		

Drawing Number  
**417198-MMD-00-XX-DR-C-0043**





Pontoon - Elevation on Berthing Face  
Scale 1:20



Pontoon - Elevation on Berthing Face  
Scale 1:20

Notes  
1. All dimensions are in millimetres (mm) unless noted otherwise.  
2. For standard notes refer to drawing 417198-MMD-00-XX-DR-C-0040.

Key to symbols

(X) ---	Grid line
---	Fender wall outline
---	Still water level

- Reference drawings
- 417198-MMD-00-XX-DR-C-0000 Series - Site Location Drawings
  - 417198-MMD-00-XX-DR-C-0010 Series - General Arrangement Drawings
  - 417198-MMD-00-XX-DR-C-0020 Series - Pontoon Guide Pile Drawings
  - 417198-MMD-00-XX-DR-C-0030 Series - Access Platform & Misc. Civil Works
  - 417198-MMD-00-XX-DR-C-0040 - Pontoon GA - Gridlines & Setting Out
  - 417198-MMD-00-XX-DR-C-0041 - Pontoon GA - Deck Level
  - 417198-MMD-00-XX-DR-C-0042 - Pontoon GA - Deck Support Steelwork Level
  - 417198-MMD-00-XX-DR-C-0043 - Pontoon GA - Pontoon Tube Level
  - 417198-MMD-00-XX-DR-C-0044 - Elevation on Berthing Face
  - 417198-MMD-00-XX-DR-C-0045 - Pontoon Long Section
  - 417198-MMD-00-XX-DR-C-0046 - Pontoon Cross Sections
  - 417198-MMD-00-XX-DR-C-0047 - Pile Guide Bracket - GA & Details (Sht 1 of 2)
  - 417198-MMD-00-XX-DR-C-0048 - Pile Guide Bracket - GA & Details (Sht 2 of 2)
  - 417198-MMD-00-XX-DR-C-0049 - Deck Level - Details & Connections
  - 417198-MMD-00-XX-DR-C-0050 - Deck Support Steelwork - Details & Connections
  - 417198-MMD-00-XX-DR-C-0051 - Pontoon Tubes Details & Connections (Sht 1 of 2)
  - 417198-MMD-00-XX-DR-C-0052 - Pontoon Tubes Details & Connections (Sht 2 of 2)
  - 417198-MMD-00-XX-DR-C-0053 - Marine Furniture Details
  - 417198-MMD-00-XX-DR-C-0054 - Ballast Requirements

Rev	Date	Drawn	Description	Ch'k'd	App'd
1	29/03/2021	EW	For Tender	JM	MR
0	19/03/2021	EW	Draft - For Approval	JM	MR

**MOTT MACDONALD**

Greenhead  
Lerwick  
Shetland  
ZE1 0PY  
T +44 (0)1595 695049  
F +44 (0)1595 693404  
W mottmac.com

Client  
**RNLI**  
Estates Office  
West Quay Road  
Poole, Dorset  
BH15 1HZ

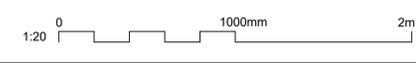



Title  
**RNLI Aith Lifeboat Station  
Pontoon Berthing Structure  
Elevation on Berthing Face**

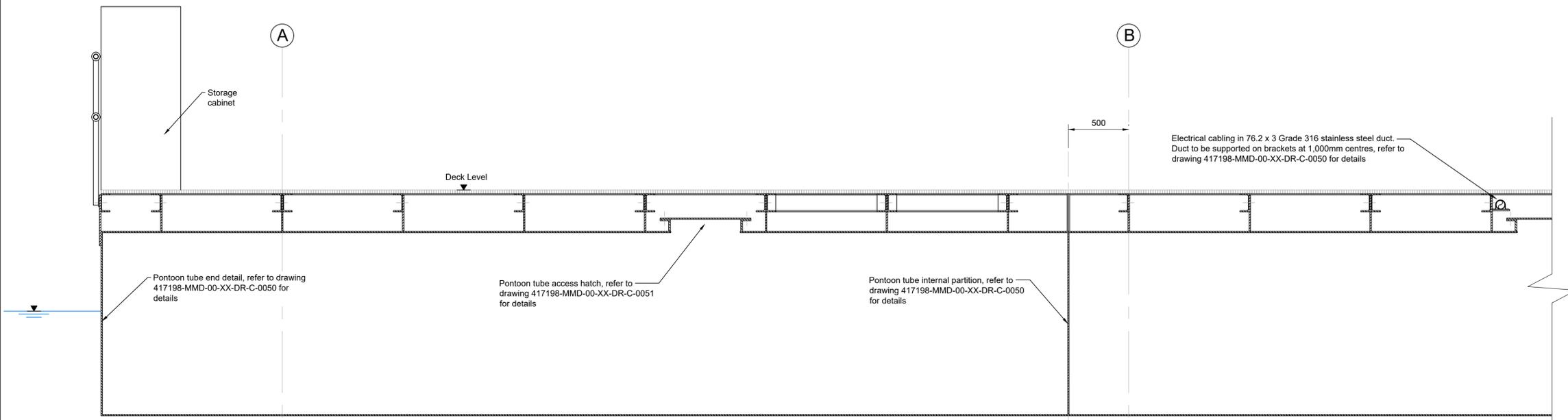
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Drawn	E Wishart	DB	Coordination	J Moncreiff	JM
Dwg check	J Moncreiff	JM	Approved	M Ross	MR
Scale at A1	1:20	Status	TEN	Rev	1
				Security	STD

Drawing Number  
**417198-MMD-00-XX-DR-C-0044**

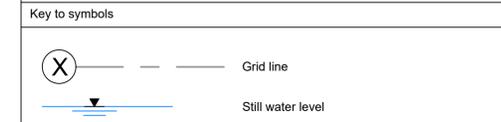
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- Notes
- All dimensions are in millimetres (mm) unless noted otherwise.
  - For standard notes refer to drawing 417198-MMD-00-XX-DR-C-0040.



Pontoon - Long Section (On Gridline 1)  
Scale 1:20

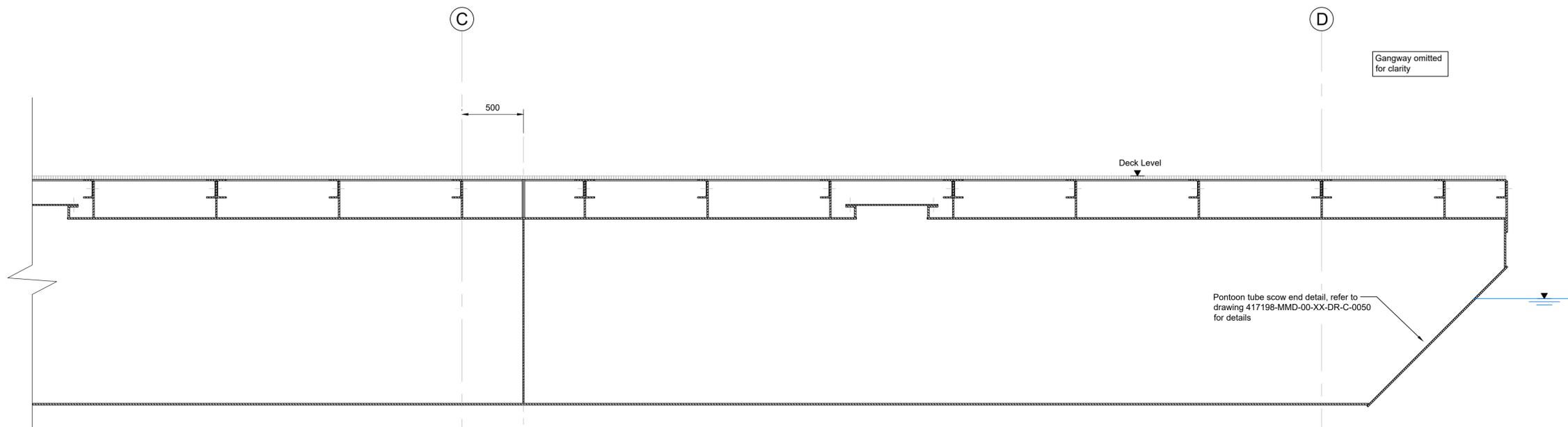


Reference drawings

417198-MMD-00-XX-DR-C-0000 Series - Site Location Drawings  
 417198-MMD-00-XX-DR-C-0010 Series - General Arrangement Drawings  
 417198-MMD-00-XX-DR-C-0020 Series - Pontoon Guide Pile Drawings  
 417198-MMD-00-XX-DR-C-0030 Series - Access Platform & Misc. Civil Works

417198-MMD-00-XX-DR-C-0040 - Pontoon GA - Gridlines & Setting Out  
 417198-MMD-00-XX-DR-C-0041 - Pontoon GA - Deck Level  
 417198-MMD-00-XX-DR-C-0042 - Pontoon GA - Deck Support Steelwork Level  
 417198-MMD-00-XX-DR-C-0043 - Pontoon GA - Pontoon Tube Level  
 417198-MMD-00-XX-DR-C-0044 - Elevation on Berthing Face  
 417198-MMD-00-XX-DR-C-0045 - Pontoon Long Section  
 417198-MMD-00-XX-DR-C-0046 - Pontoon Cross Sections  
 417198-MMD-00-XX-DR-C-0047 - Pile Guide Bracket - GA & Details (Sht 1 of 2)  
 417198-MMD-00-XX-DR-C-0048 - Pile Guide Bracket - GA & Details (Sht 2 of 2)  
 417198-MMD-00-XX-DR-C-0049 - Deck Level - Details & Connections  
 417198-MMD-00-XX-DR-C-0050 - Deck Support Steelwork - Details & Connections  
 417198-MMD-00-XX-DR-C-0051 - Pontoon Tubes Details & Connections (Sht 1 of 2)  
 417198-MMD-00-XX-DR-C-0052 - Pontoon Tubes Details & Connections (Sht 2 of 2)  
 417198-MMD-00-XX-DR-C-0053 - Marine Furniture Details  
 417198-MMD-00-XX-DR-C-0054 - Ballast Requirements

Rev	Date	Drawn	Description	Ch'k'd	App'd
1	29/03/2021	EW	For Tender	JM	MR
0	19/03/2021	EW	Draft - For Approval	JM	MR



Pontoon - Long Section (On Gridline 1)  
Scale 1:20

Rev	Date	Drawn	Description	Ch'k'd	App'd
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**MOTT MACDONALD**

Greenhead  
Lerwick  
Shetland  
ZE1 0PY  
T +44 (0)1595 695049  
F +44 (0)1595 693404  
W mottmac.com

Client

**RNLI**  
Estates Office  
West Quay Road  
Poole, Dorset  
BH15 1HZ

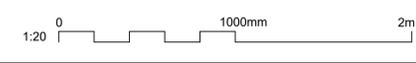
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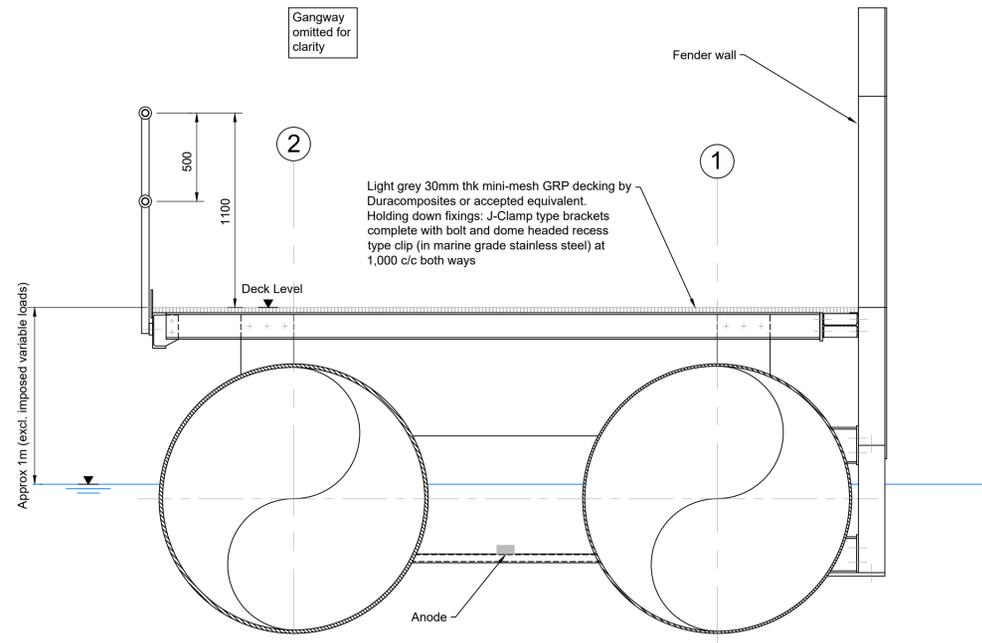
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**RNLI Aith Lifeboat Station  
Pontoon Berthing Structure  
Pontoon Long Section**

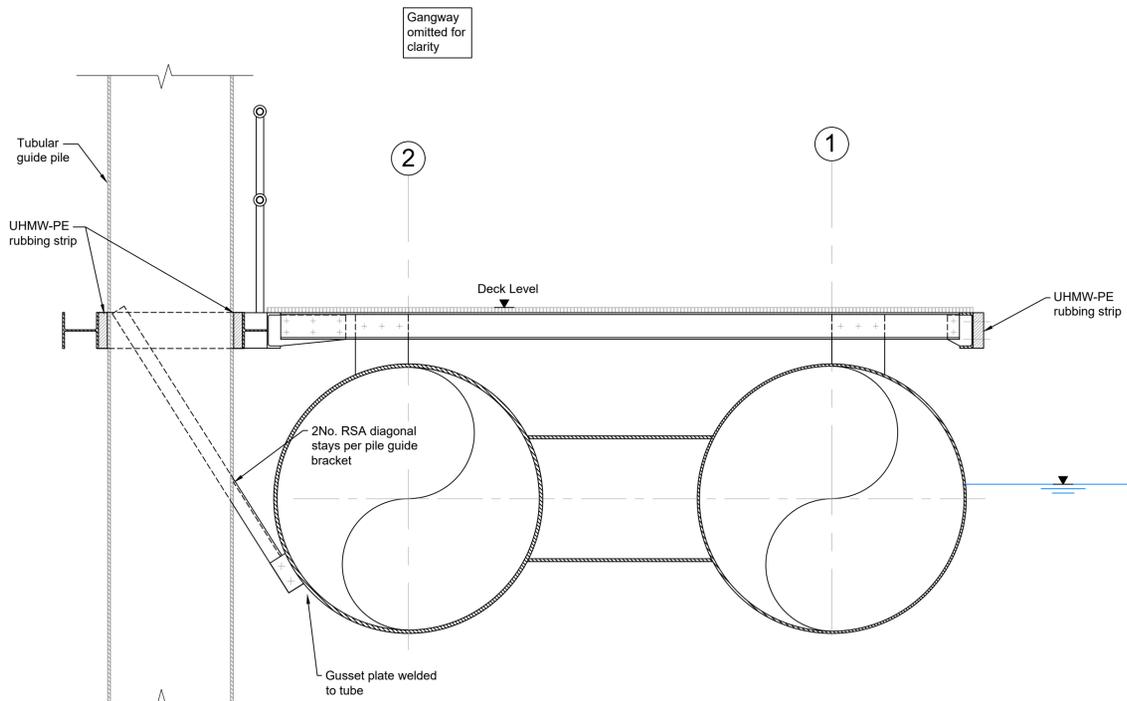
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Drawn	E Wishart	EW	Coordination	J Moncreiff	JM
Dwg check	J Moncreiff	JM	Approved	M Ross	MR
Scale at A1	Status	Rev	Security		
1:20	TEN	1	STD		

Drawing Number  
**417198-MMD-00-XX-DR-C-0045**

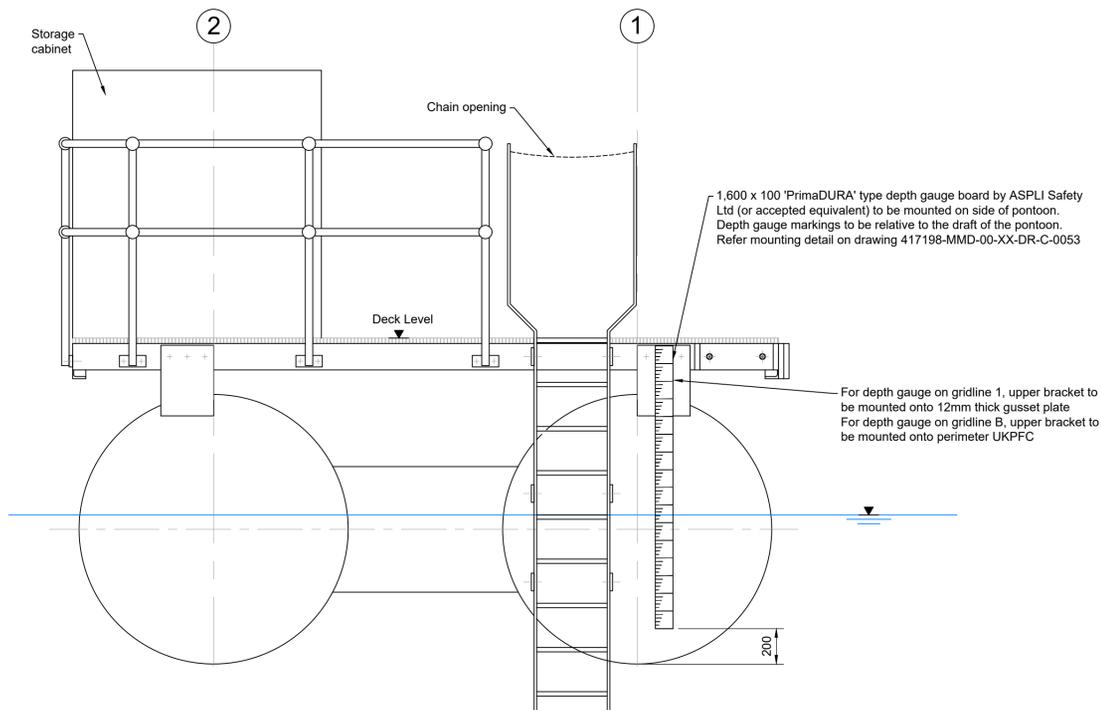




Section A-A  
Scale 1:20



Section on Gridline D-D  
Scale 1:20



Elevation B-B  
Scale 1:20

- Notes
- All dimensions are in millimetres (mm) unless noted otherwise.
  - For standard notes refer to drawing 417198-MMD-00-XX-DR-C-0040.

Key to symbols

	Anodes (Contractor design - indicative arrangement shown)
	GRP decking
	UHMW-PE rubbing strip
	Grid line
	Still water level

- Reference drawings
- 417198-MMD-00-XX-DR-C-0000 Series - Site Location Drawings
  - 417198-MMD-00-XX-DR-C-0010 Series - General Arrangement Drawings
  - 417198-MMD-00-XX-DR-C-0020 Series - Pontoon Guide Pile Drawings
  - 417198-MMD-00-XX-DR-C-0030 Series - Access Platform & Misc. Civil Works
  - 417198-MMD-00-XX-DR-C-0040 - Pontoon GA - Gridlines & Setting Out
  - 417198-MMD-00-XX-DR-C-0041 - Pontoon GA - Deck Level
  - 417198-MMD-00-XX-DR-C-0042 - Pontoon GA - Deck Support Steelwork Level
  - 417198-MMD-00-XX-DR-C-0043 - Pontoon GA - Pontoon Tube Level
  - 417198-MMD-00-XX-DR-C-0044 - Elevation on Berthing Face
  - 417198-MMD-00-XX-DR-C-0045 - Pontoon Long Section
  - 417198-MMD-00-XX-DR-C-0046 - Pontoon Cross Sections
  - 417198-MMD-00-XX-DR-C-0047 - Pile Guide Bracket - GA & Details (Sht 1 of 2)
  - 417198-MMD-00-XX-DR-C-0048 - Pile Guide Bracket - GA & Details (Sht 2 of 2)
  - 417198-MMD-00-XX-DR-C-0049 - Deck Level - Details & Connections
  - 417198-MMD-00-XX-DR-C-0050 - Deck Support Steelwork - Details & Connections
  - 417198-MMD-00-XX-DR-C-0051 - Pontoon Tubes Details & Connections (Sht 1 of 2)
  - 417198-MMD-00-XX-DR-C-0052 - Pontoon Tubes Details & Connections (Sht 2 of 2)
  - 417198-MMD-00-XX-DR-C-0053 - Marine Furniture Details
  - 417198-MMD-00-XX-DR-C-0054 - Ballast Requirements

Rev	Date	Drawn	Description	Ch'k'd	App'd
1	29/03/2021	EW	For Tender	JM	MR
0	19/03/2021	EW	Draft - For Approval	JM	MR

**MOTT MACDONALD**

Greenhead  
Lerwick  
Shetland  
ZE1 0PY  
T +44 (0)1595 695049  
F +44 (0)1595 693404  
W mottmac.com

Client

**RNLI**  
Estates Office  
West Quay Road  
Poole, Dorset  
BH15 1HZ

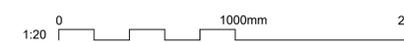
**Lifeboats**

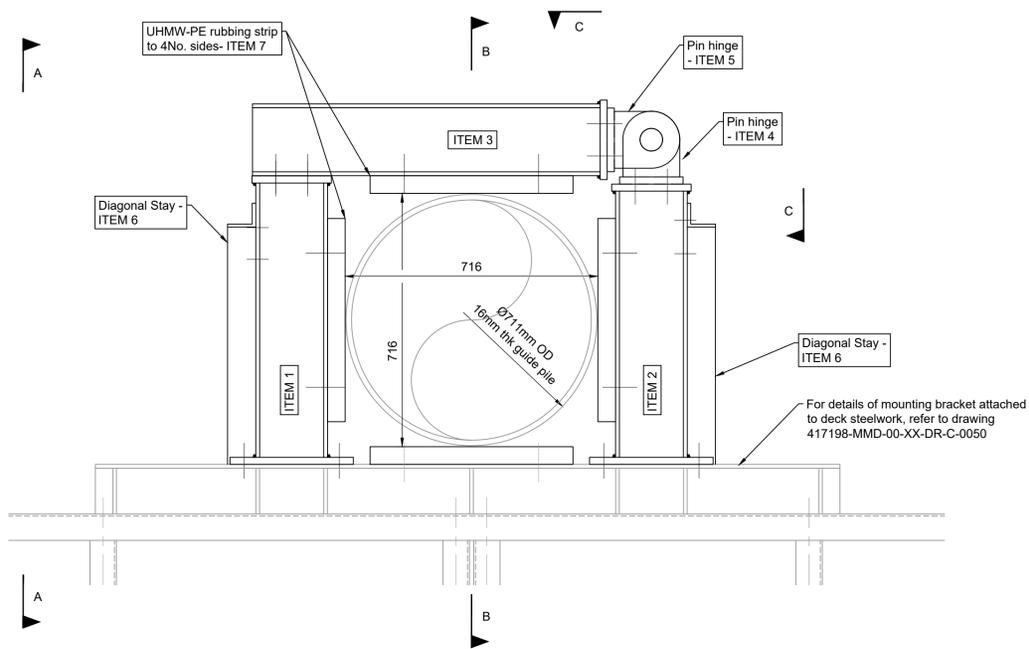
Title

**RNLI Aith Lifeboat Station  
Pontoon Berthing Structure  
Pontoon Cross Sections**

Designed	D Brunner	DB	Eng check	S Hillier	SH
Drawn	E Wishart	EW	Coordination	J Moncreiff	JM
Dwg check	J Moncreiff	JM	Approved	M Ross	MR
Scale at A1	Status	Rev	Security		
1:20	TEN	1	STD		

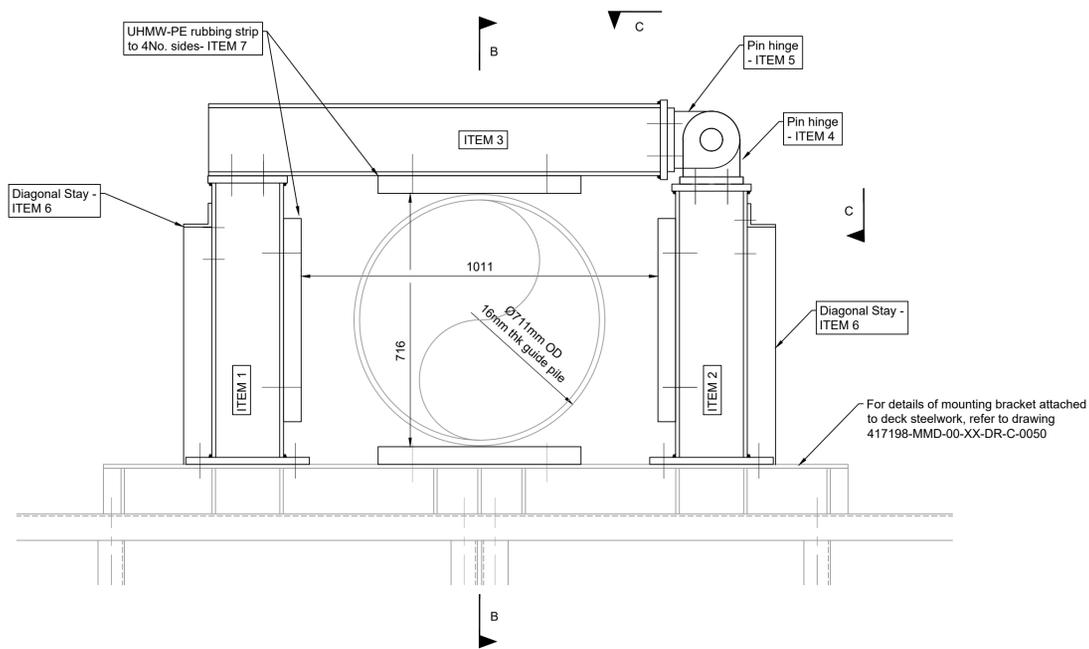
Drawing Number  
**417198-MMD-00-XX-DR-C-0046**





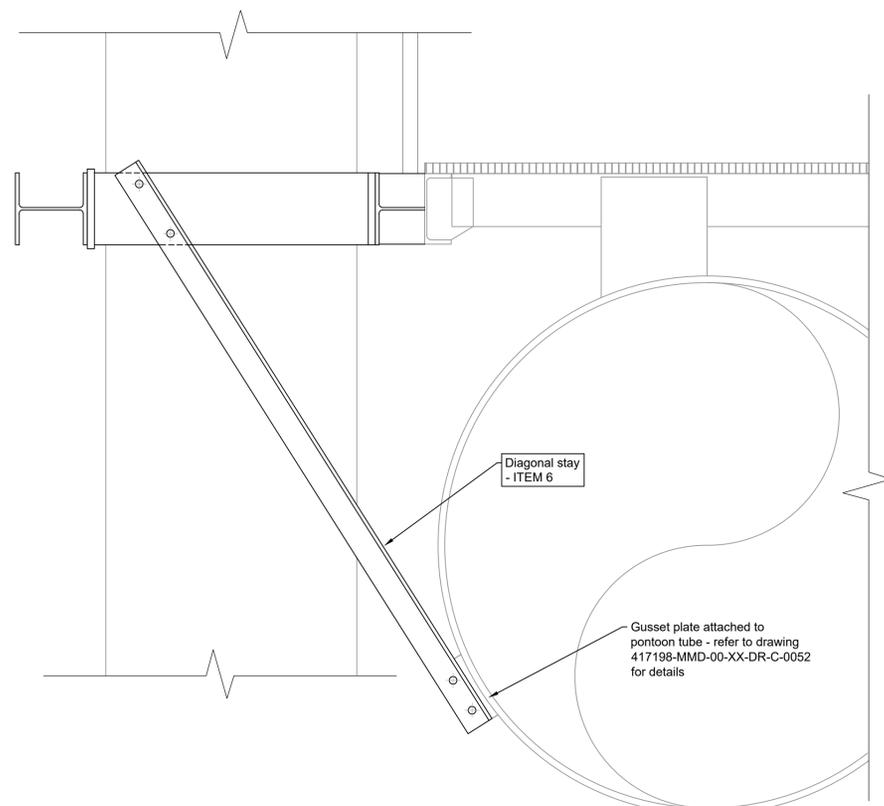
Pile Guide Bracket - 'Type 1'

Scale 1:10



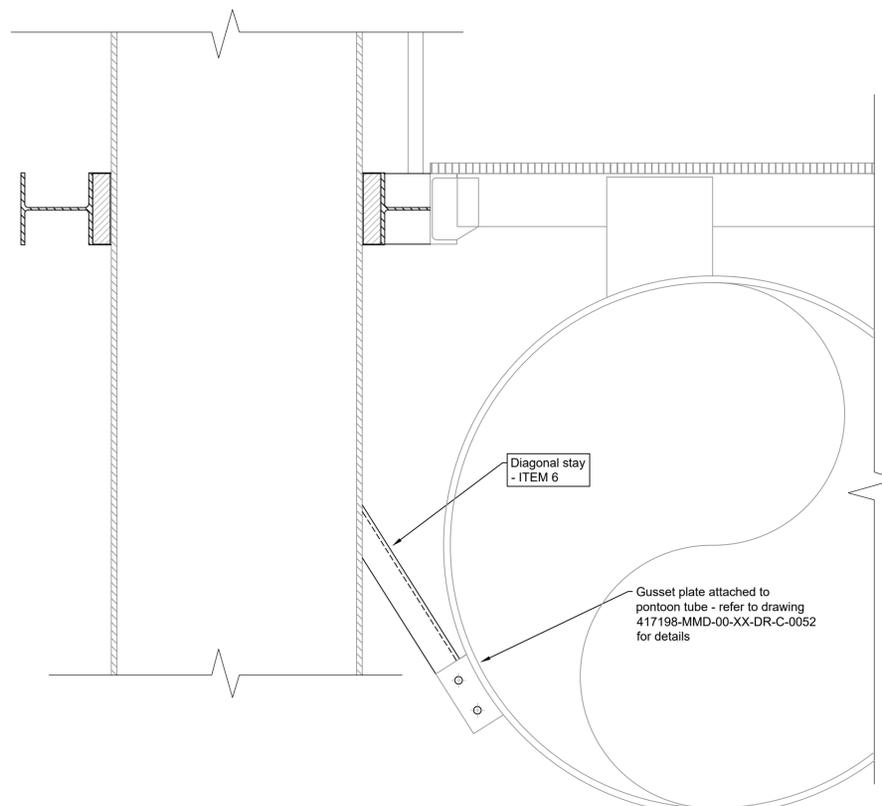
Pile Guide Bracket - 'Type 2'

Scale 1:10



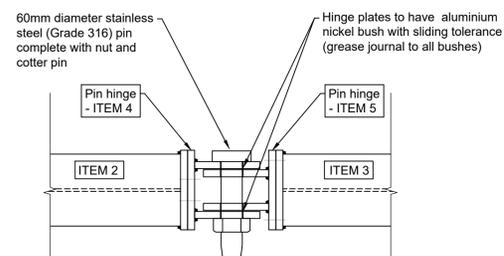
Elevation A - A

Scale 1:10



Section B

1:10



Elevation C - C

Scale 1:10

- Notes
- All dimensions are in millimetres (mm) unless noted otherwise.
  - For standard notes refer to drawing 417198-MMD-00-XX-DR-C-0040.

Key to symbols



Reference drawings

- 417198-MMD-00-XX-DR-C-0000 Series - Site Location Drawings
- 417198-MMD-00-XX-DR-C-0010 Series - General Arrangement Drawings
- 417198-MMD-00-XX-DR-C-0020 Series - Pontoon Guide Pile Drawings
- 417198-MMD-00-XX-DR-C-0030 Series - Access Platform & Misc. Civil Works
- 417198-MMD-00-XX-DR-C-0040 - Pontoon GA - Gridlines & Setting Out
- 417198-MMD-00-XX-DR-C-0041 - Pontoon GA - Deck Level
- 417198-MMD-00-XX-DR-C-0042 - Pontoon GA - Deck Support Steelwork Level
- 417198-MMD-00-XX-DR-C-0043 - Pontoon GA - Pontoon Tube Level
- 417198-MMD-00-XX-DR-C-0044 - Elevation on Berthing Face
- 417198-MMD-00-XX-DR-C-0045 - Pontoon Long Section
- 417198-MMD-00-XX-DR-C-0046 - Pontoon Cross Sections
- 417198-MMD-00-XX-DR-C-0047 - Pile Guide Bracket - GA & Details (Sht 1 of 2)
- 417198-MMD-00-XX-DR-C-0048 - Pile Guide Bracket - GA & Details (Sht 2 of 2)
- 417198-MMD-00-XX-DR-C-0049 - Deck Level - Details & Connections
- 417198-MMD-00-XX-DR-C-0050 - Deck Support Steelwork - Details & Connections
- 417198-MMD-00-XX-DR-C-0051 - Pontoon Tubes Details & Connections (Sht 1 of 2)
- 417198-MMD-00-XX-DR-C-0052 - Pontoon Tubes Details & Connections (Sht 2 of 2)
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West Quay Road  
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BH15 1HZ

**Lifeboats**

Title

**RNLI Aith Lifeboat Station  
Pontoon Berthing Structure  
Pile Guide Brackets  
General Arrangement and Details  
Sheet 1 of 2**

Designed	D Brunner	DB	Eng check	S Hillier	SH
Drawn	E Wishart	EW	Coordination	J Moncreiff	JM
Dwg check	J Moncreiff	JM	Approved	M Ross	MR
Scale at A1	Status	Rev	Security		
1:10	TEN	1	STD		

Drawing Number  
**417198-MMD-00-XX-DR-C-0047**

