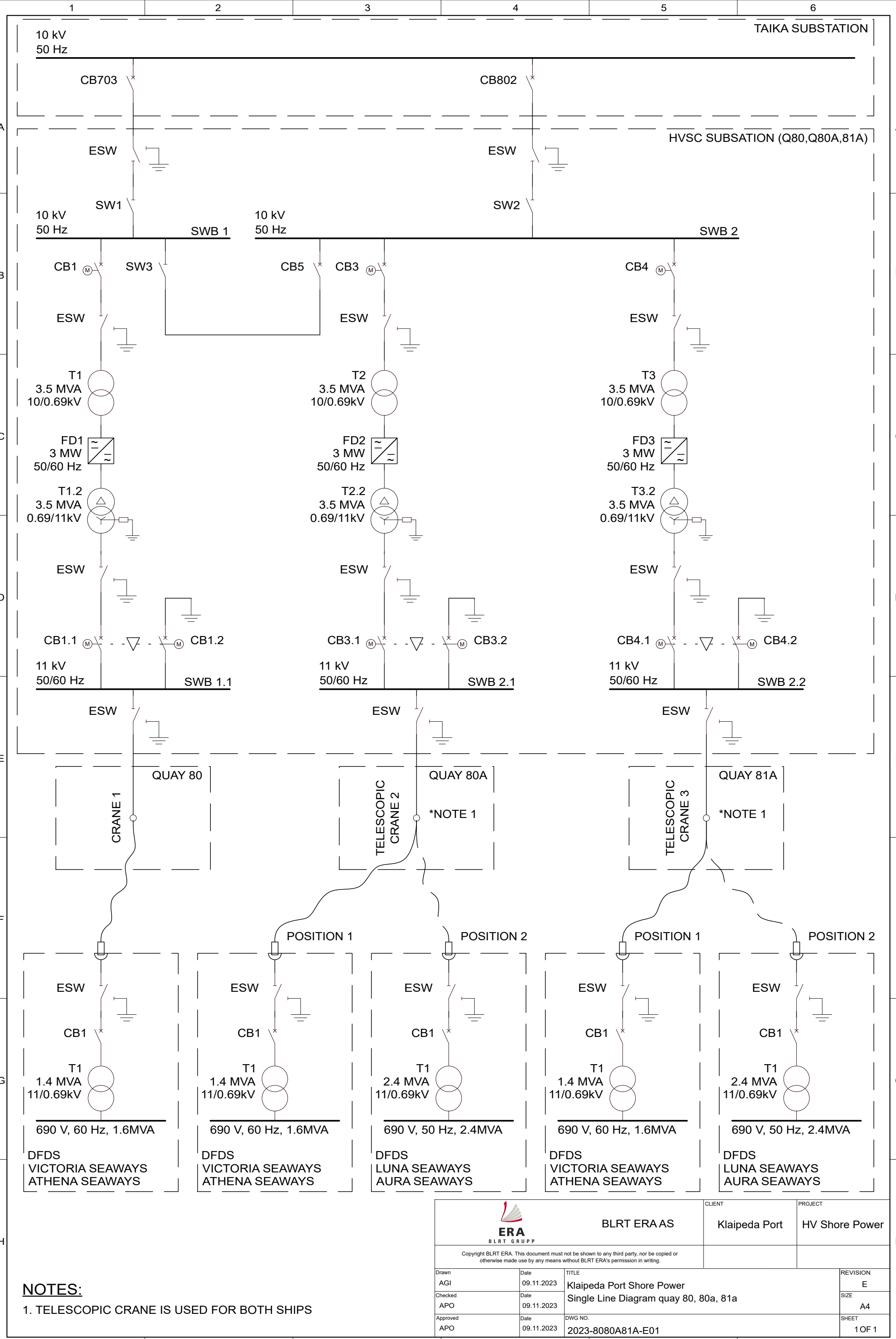


 ERA BLRT GRUPP Autorinės teisės BLRT ERA. Šio dokumento negalima rodyti jokiai trečiajai šaliai, kopijuoti ar kitaip naudoti be raštiško BLRT ERA leidimo.	Projektas:	aukštos įtampos kranto jungtis
	Dokumento pavadinimas:	techninė specifikacija
	Dokumento Nr.:	2023-80A8181A-E11
	Dokumento būseną:	C vers.
	Data:	2023-08-28

8 DOKUMENTŲ SĄRAŠAS

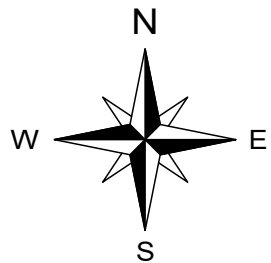
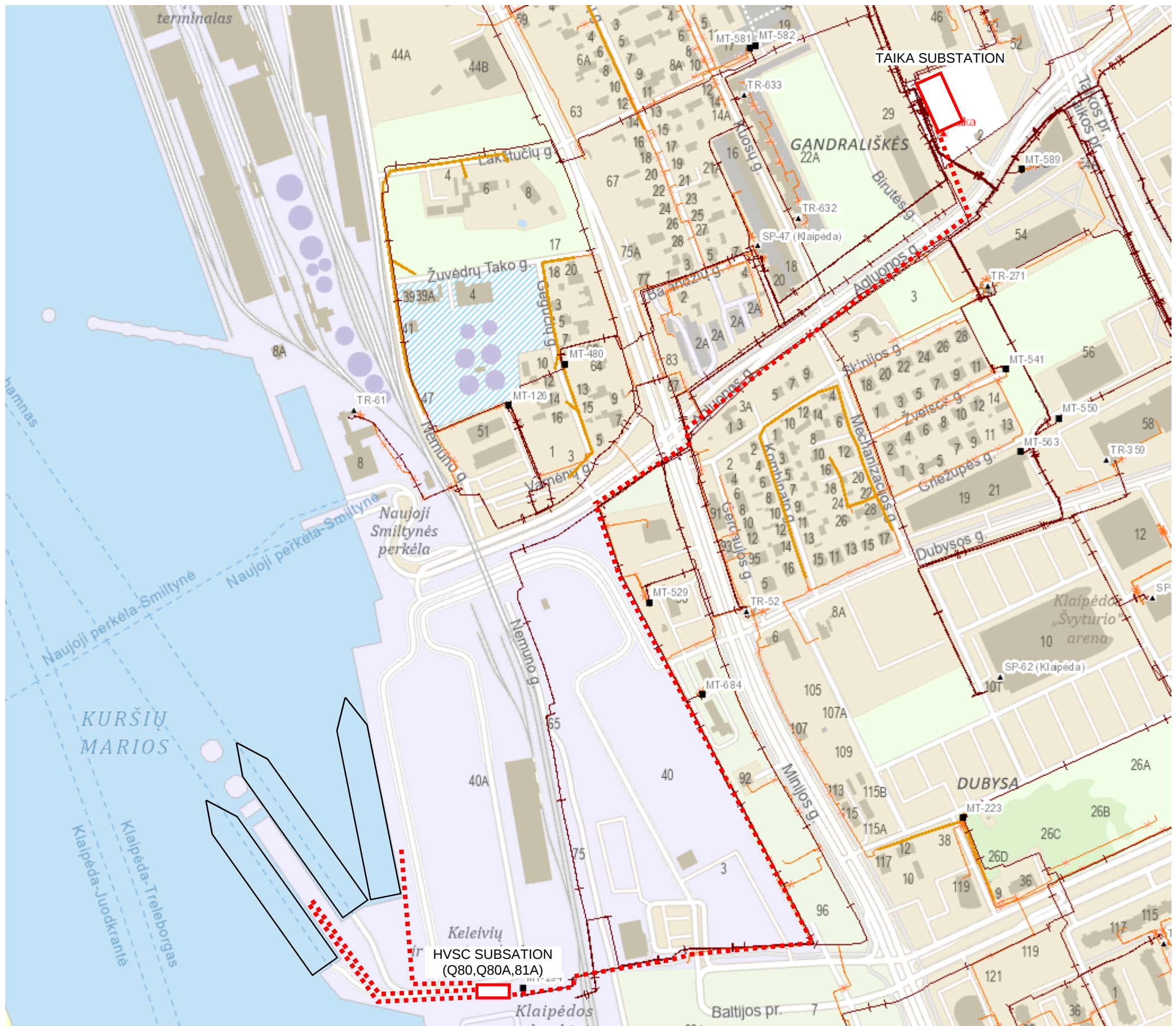
Nr.	Dokumento numeris	Dokumento pavadinimas
1.	2023-80A8181A-E01	80a, 81, 81a krantinių vienos linijos schema
2.	2023-80A8181A-E02	Klaipėdos uosto bendrasis 80a, 81, 81a krantinių planas
3.	2023-80A8181A-E03	AĮKJ kranų ir švartavimosi lynų išdėstymas 80a, 81, 81a krantinėse
4.	2023-80A8181A-E04	80a, 81, 81a krantinių aukščio planas
5.	2023-80A8181A-E05	80a, 81, 81a krantinių įžeminimo schema
6.	2023-80A8181A-E06	80a, 81, 81a krantinių trumpojo jungimo skaičiavimas
7.	2023-80A8181A-E07	80a, 81, 81a krantinių miesto tinklo signalų sąrašas
8.	2023-80A8181A-E08	80a, 81, 81a krantinių kranto-laivo saugos grandinė
9.	2023-80A8181A-E09	80a, 81, 81a krantinių komunikacijų pagrindinė schema
10.	2023-80A8181A-E10	80a, 81, 81a krantinių prijungimo seka
11.	2023-8080A81A-E12	Išlaidų įvertinimas 8080A81A



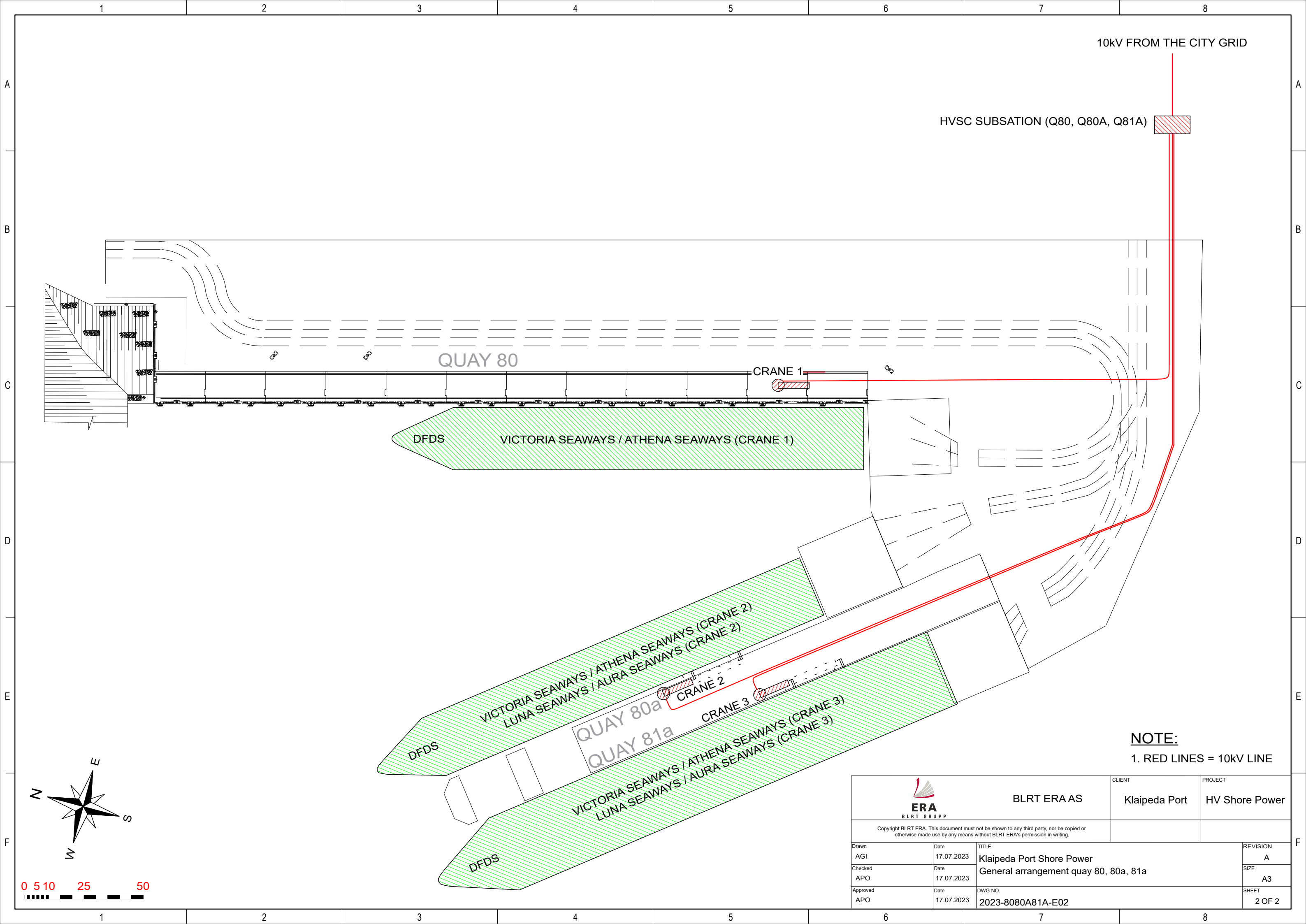
NOTES:

1. TELESCOPIC CRANE IS USED FOR BOTH SHIPS

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Drawn AGI	Date 09.11.2023	TITLE Klaipeda Port Shore Power Single Line Diagram quay 80, 80a, 81a	
Checked APO	Date 09.11.2023		
Approved APO	Date 09.11.2023	DWG NO. 2023-8080A81A-E01	REVISION E SIZE A4 SHEET 1 OF 1



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Drawn AGI	Date 11.08.2023	TITLE Klaipeda Port Shore Power General arrangement quay 80, 80a, 81a		REVISION B
Checked APO	Date 11.08.2023			SIZE A3
Approved APO	Date 11.08.2023	DWG NO. 2023-8080A81A-E02		SHEET 1 OF 2



10kV FROM THE CITY GRID

HVSC SUBSATION (Q80, Q80A, Q81A)

QUAY 80

CRANE 1

DFDS

VICTORIA SEAWAYS / ATHENA SEAWAYS (CRANE 1)

VICTORIA SEAWAYS / ATHENA SEAWAYS (CRANE 2)
LUNA SEAWAYS / AURA SEAWAYS (CRANE 2)

CRANE 2

VICTORIA SEAWAYS / ATHENA SEAWAYS (CRANE 3)
LUNA SEAWAYS / AURA SEAWAYS (CRANE 3)

CRANE 3

QUAY 80a
QUAY 81a

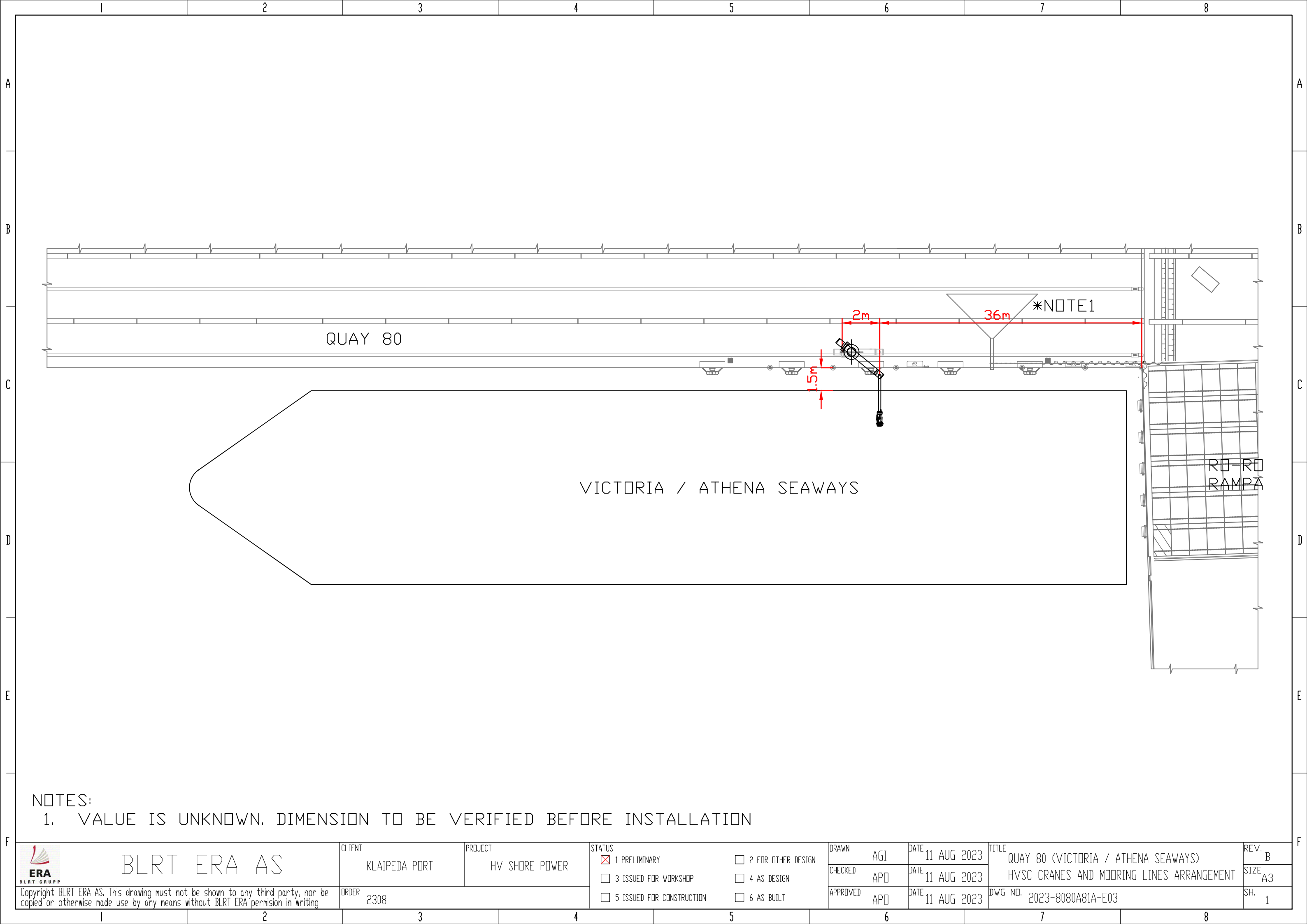
DFDS

DFDS

NOTE:

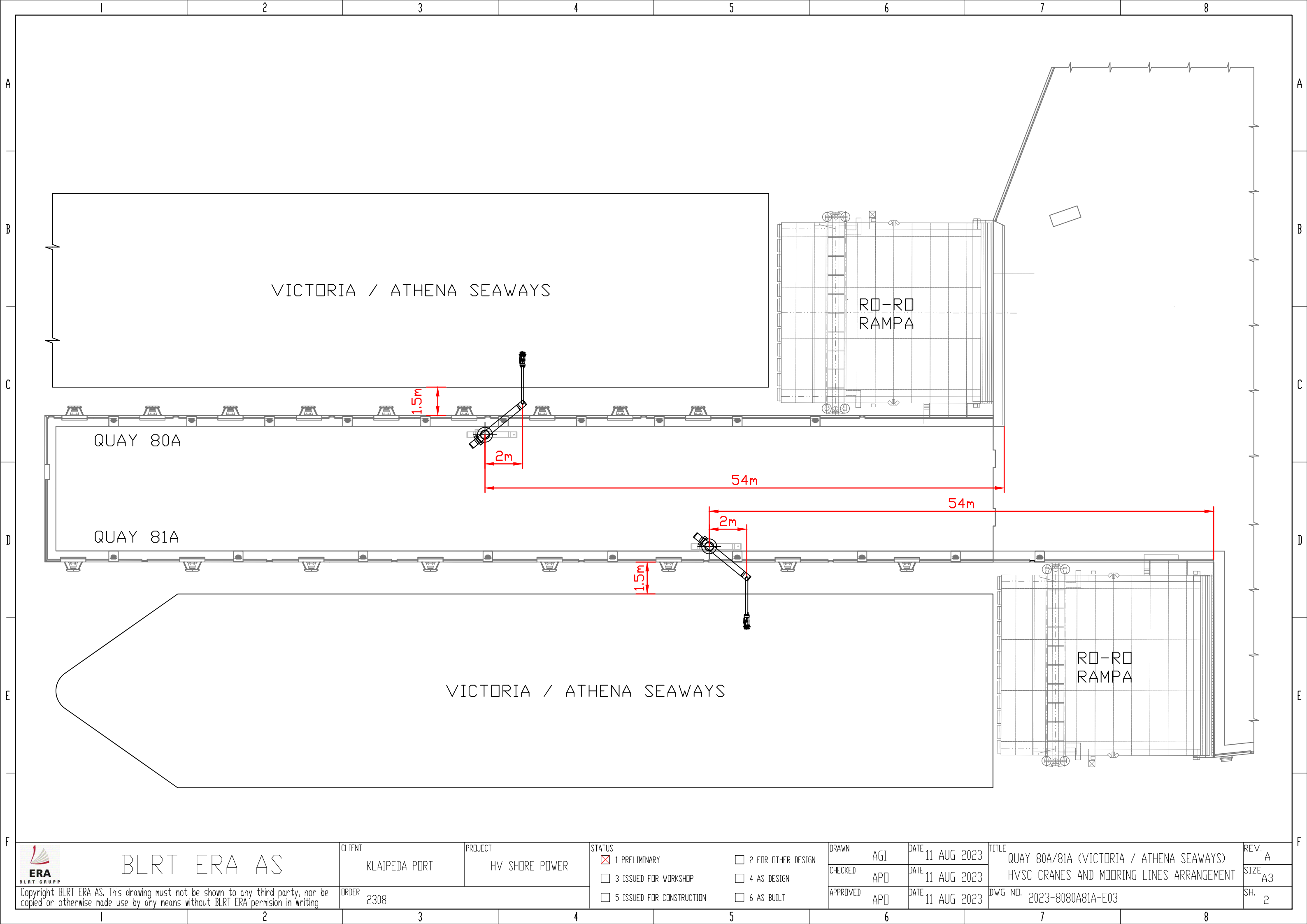
1. RED LINES = 10kV LINE

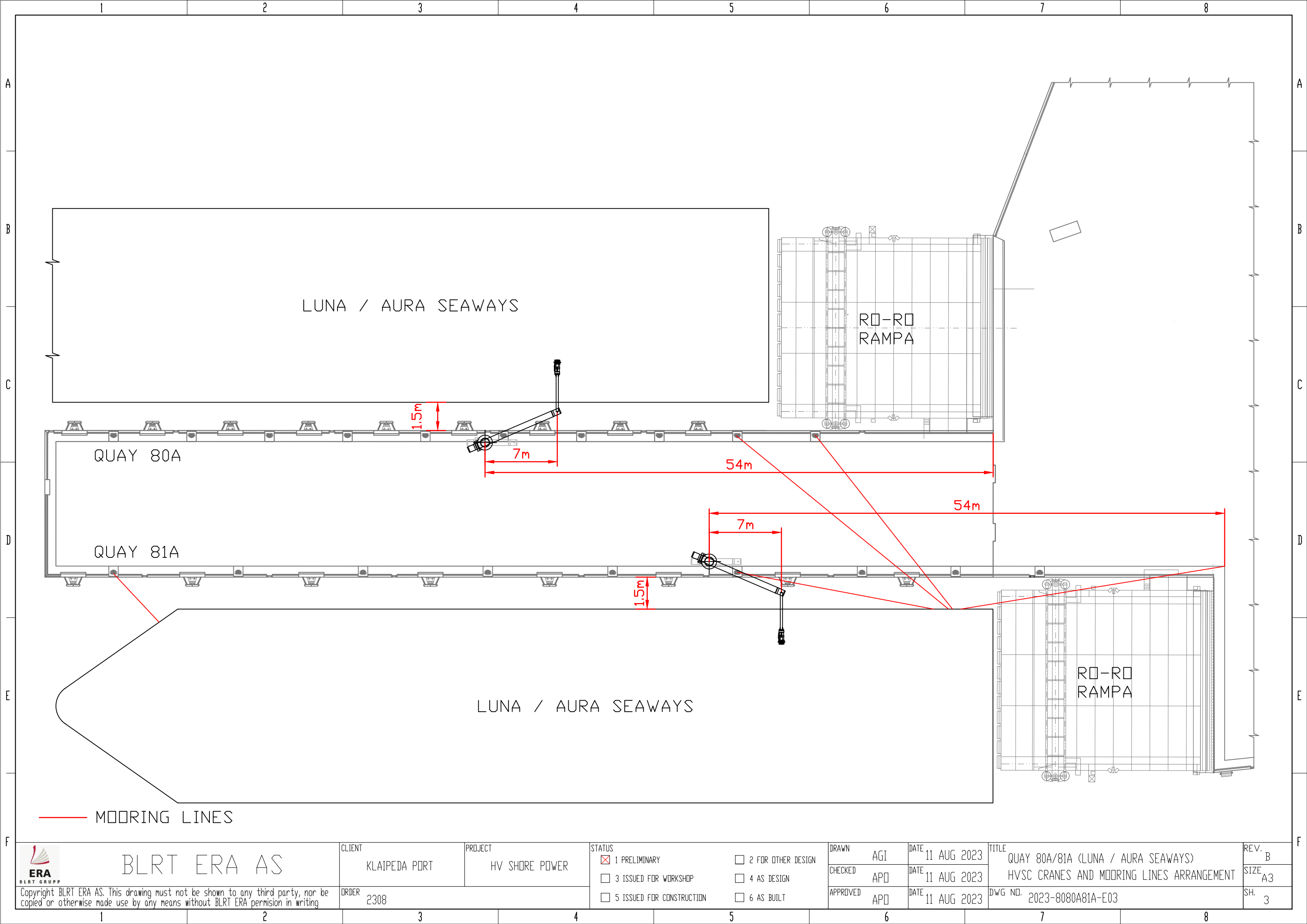
		BLRT ERA AS	CLIENT Klaipeda Port	PROJECT HV Shore Power
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Drawn AGI	Date 17.07.2023	TITLE Klaipeda Port Shore Power General arrangement quay 80, 80a, 81a		REVISION A
Checked APO	Date 17.07.2023			SIZE A3
Approved APO	Date 17.07.2023	DWG NO. 2023-8080A81A-E02		SHEET 2 OF 2



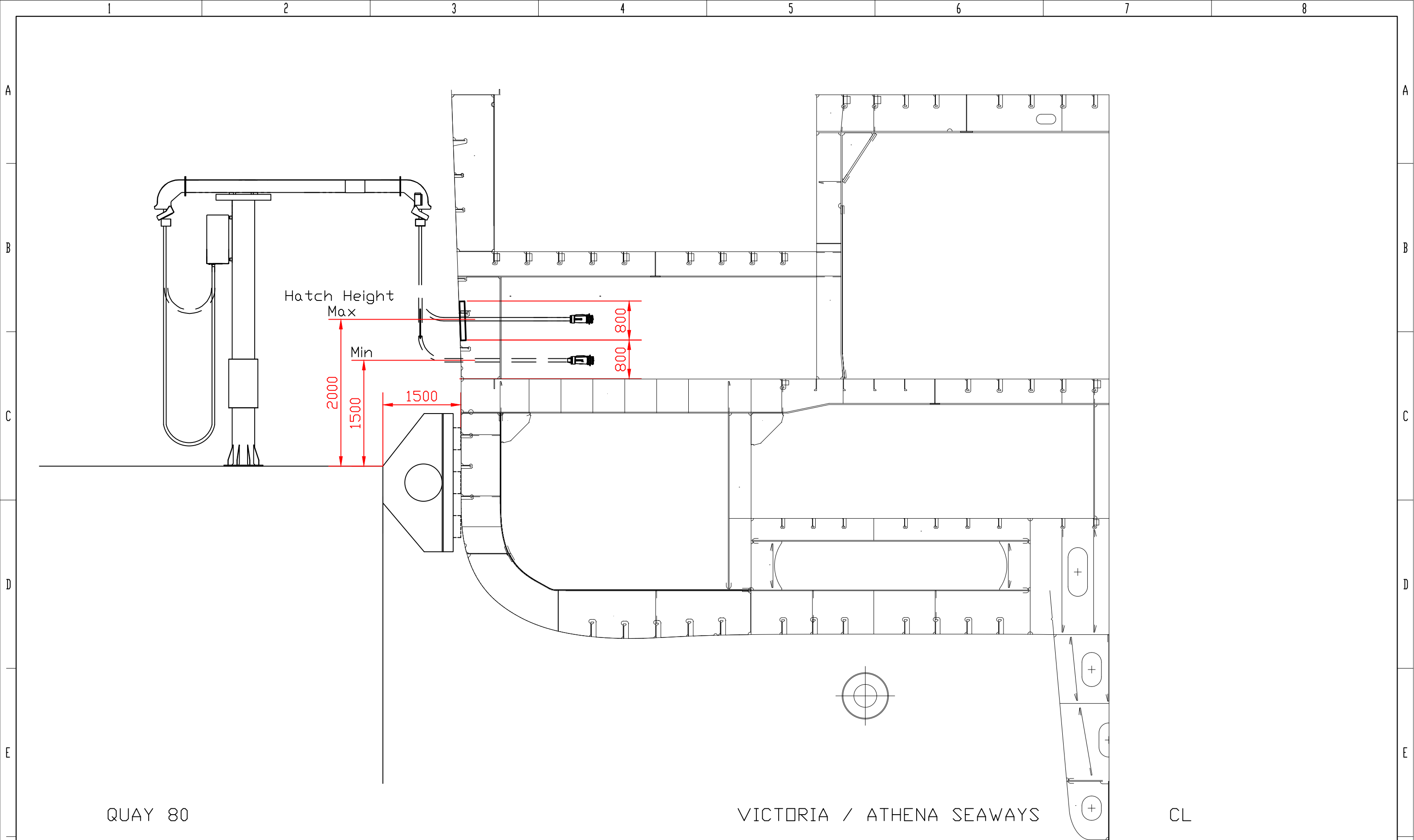
NOTES:
1. VALUE IS UNKNOWN. DIMENSION TO BE VERIFIED BEFORE INSTALLATION

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	ORDER 2308								CHECKED APD	DATE 11 AUG 2023		SIZE A3
									APPROVED APD	DATE 11 AUG 2023		SH. 1

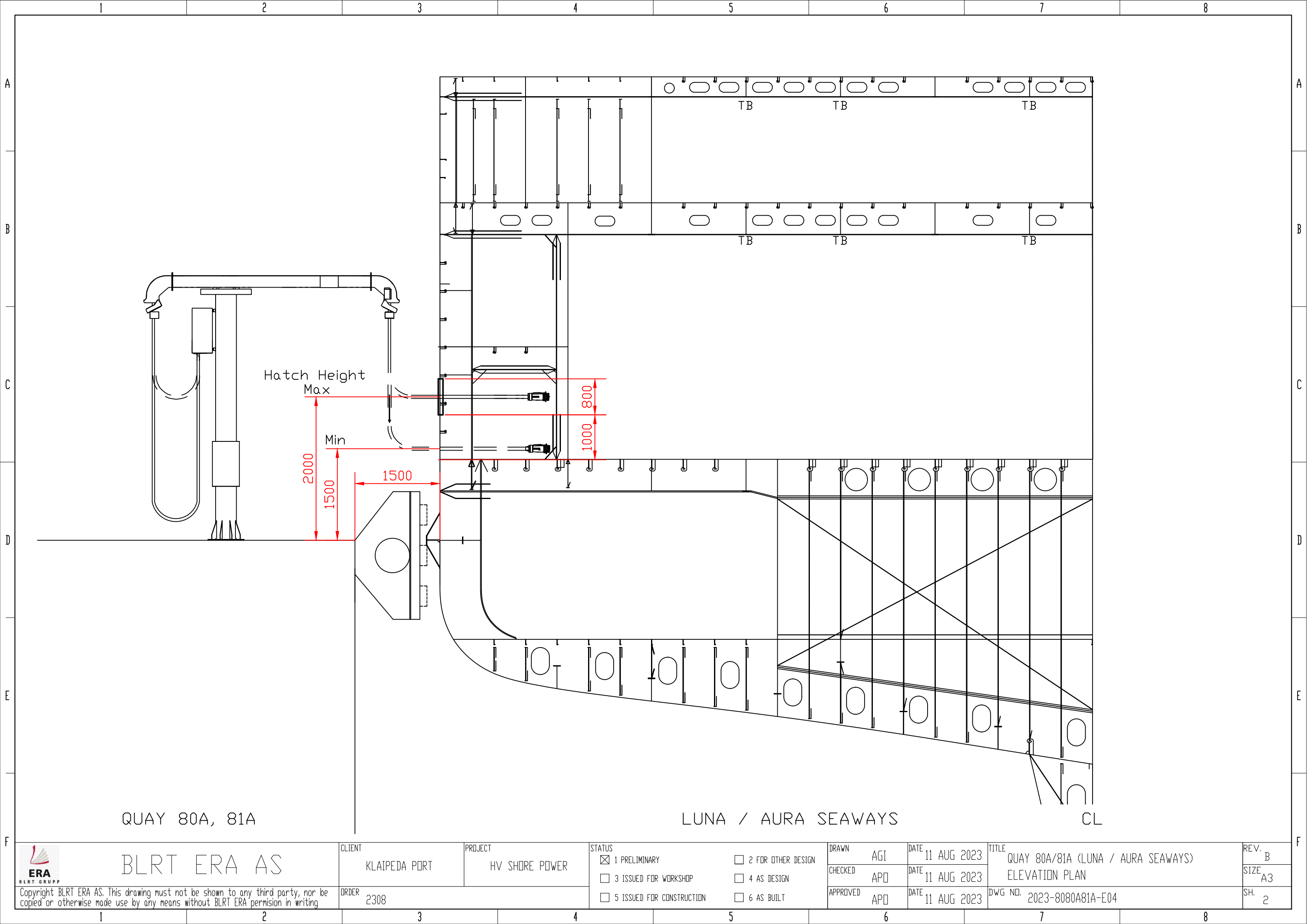




 BLRT ERA AS Copyright BLRT ERA AS. This drawing must not be shown to any third party, nor be copied or otherwise made use by any means without BLRT ERA permission in writing	CLIENT KLAIPEDA PORT	PROJECT HV SHORE POWER	STATUS ☒ 1 PRELIMINARY ☐ 3 ISSUED FOR WORKSHOP ☐ 5 ISSUED FOR CONSTRUCTION ☐ 2 FOR OTHER DESIGN ☐ 4 AS DESIGN ☐ 6 AS BUILT	DRAWN AGI	DATE 11 AUG 2023	TITLE QUAY 80A/81A (LUNA / AURA SEAWAYS) HVSC CRANES AND MOORING LINES ARRANGEMENT DWG NO. 2023-8080A81A-E03	REV. B
	ORDER 2308			CHECKED APD	DATE 11 AUG 2023		SIZE A3
				APPROVED APD	DATE 11 AUG 2023		SH. 3



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	ORDER 2308								CHECKED APD	DATE 11 AUG 2023		SIZE A3
									APPROVED APD	DATE 11 AUG 2023		SH. 1



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	KLAIPEDA PORT	HV SHORE POWER	☒ 1 PRELIMINARY		AGI	11 AUG 2023	QUAY 80A/81A (LUNA / AURA SEAWAYS)		B
	ORDER 2308		☐ 3 ISSUED FOR WORKSHOP		CHECKED	APD	DATE	ELEVATION PLAN	SIZE
			☐ 5 ISSUED FOR CONSTRUCTION		APPROVED	APD	DATE	DWG NO. 2023-8080A81A-E04	SH.
			☐ 2 FOR OTHER DESIGN						A3
			☐ 4 AS DESIGN						2
			☐ 6 AS BUILT						

HVSC SUBSATION (Q80, Q80A,Q81A)

MEB



1

3

3

1

1

1

1

2

2

3

3

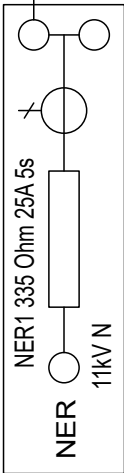
SMALL SWITCHBOARDS

STEEL CONSTRUCTIONS

TRANSFORMERS

FD / POWER SWITCHBOARDS

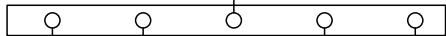
GG1



CABLE TRAYS

QUAY 80

CRANE 1
EB



2

3

3

2

CRANE CONNECTION BOX

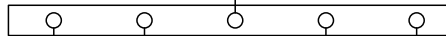
CABLE TRAYS

STEEL CONSTRUCTIONS



QUAY 80A

CRANE 2
EB



2

3

3

2

CRANE CONNECTION BOX

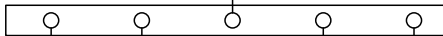
CABLE TRAYS

STEEL CONSTRUCTIONS



QUAY 81A

CRANE 3
EB



2

3

3

2

CRANE CONNECTION BOX

CABLE TRAYS

STEEL CONSTRUCTIONS



LEGEND:

EB - EARTHING BAR (Cu 50x8 mm)

MEB - MAIN EARTHING BAR (Cu 50x8 mm)

GG1 - GROUND GRID (Hot dip galvanized Ø10 mm)

 - EARTHING ELECTRODE

GROUNDING CABLES:

1 - 95 mm²

2 - 50 mm²

3 - 16 mm²



BLRT ERA AS

CLIENT

Klaipeda Port

PROJECT

HV Shore Power

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Drawn
AGI

Date
26.07.2023

TITLE
Klaipeda Port Shore Power
Earthing Diagram quay 80, 80a, 81a

REVISION
B

Checked
APO

Date
26.07.2023

SIZE
A3

Approved
APO

Date
26.07.2023

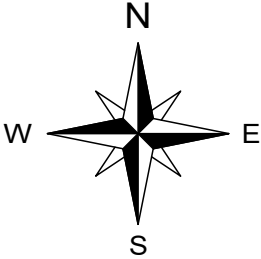
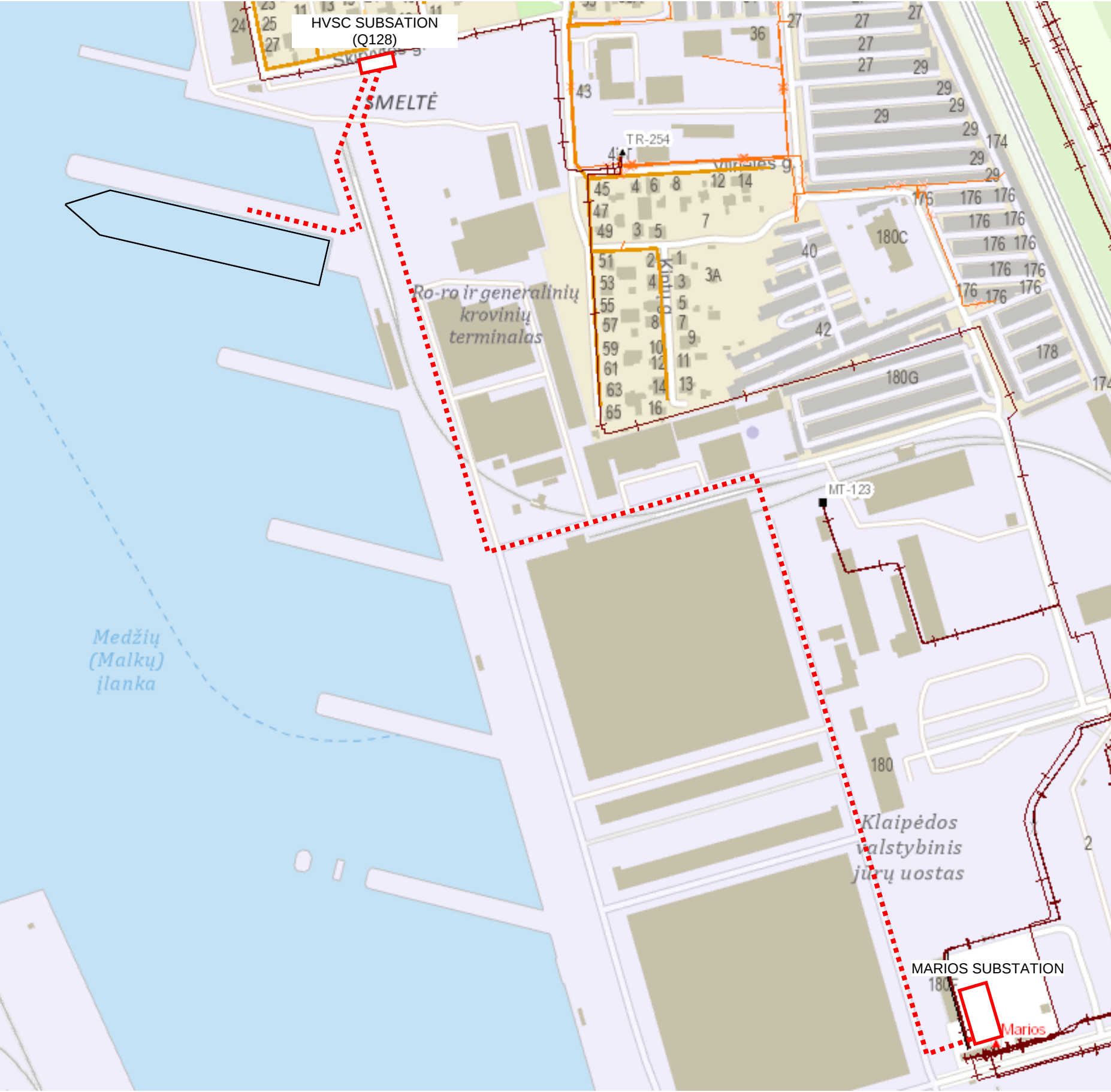
DWG NO.
2023-8080A81A-E05

SHEET
1 OF 1

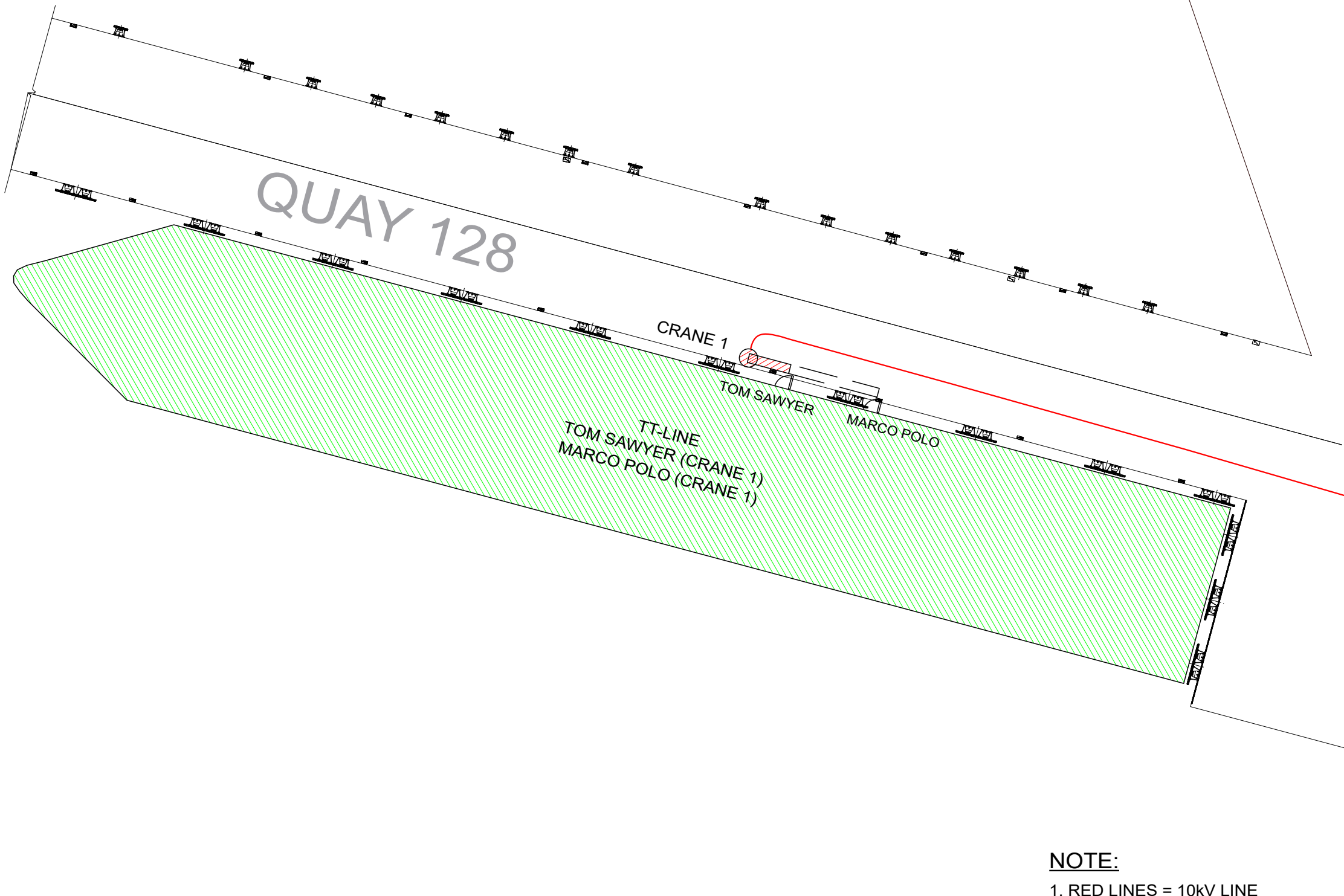
 ERA BLRT GRUPP Autorinės teisės BLRT ERA. Šio dokumento negalima rodyti jokiai trečiajai šaliai, kopijuoti ar kitaip naudoti be raštiško BLRT ERA leidimo.	Projektas:	aukštos įtampos kranto jungtis
	Dokumento pavadinimas:	techninė specifikacija
	Dokumento Nr.:	2023-128-E11
	Dokumento būseną:	B vers.
	Data:	2023-08-11

8 DOKUMENTŲ SĄRAŠAS

Nr.	Dokumento numeris	Dokumento pavadinimas
1.	2023-128-E01	128 krantinės vienos linijos schema
2.	2023-128-E02	Klaipėdos uosto bendras 128 krantinės planas
3.	2023-128-E03	AĮKJ kranų ir švartavimosi lynų išdėstymas 128 krantinėje
4.	2023-128-E04	128 krantinės aukščio planas
5.	2023-128-E05	128 krantinės įžeminimo schema
6.	2023-128-E06	128 krantinės trumpojo jungimo skaičiavimas
7.	2023-128-E07	128 krantinės miesto tinklo signalų sąrašas
8.	2023-128-E08	128 krantinės kranto–laivo saugos grandinė
9.	2023-128-E09	128 krantinės komunikacijų pagrindinė schema
10.	2023-128-E10	128 krantinės krantinių prijungimo seka
11.	2023-128-E12	Išlaidų įvertinimas krantinė Nr. 128



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Drawn AGI	Date 17.07.2023	TITLE Klaipėda Port Shore Power General arrangement quay 128	REVISION A
Checked APO	Date 17.07.2023		SIZE A3
Approved APO	Date 17.07.2023	DWG NO. 2023-128-E02	SHEET 1 OF 2



10kV FROM THE CITY GRID

HVSC SUBSATION (Q128)

QUAY 128

CRANE 1

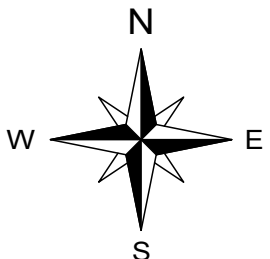
TOM SAWYER

MARCO POLO

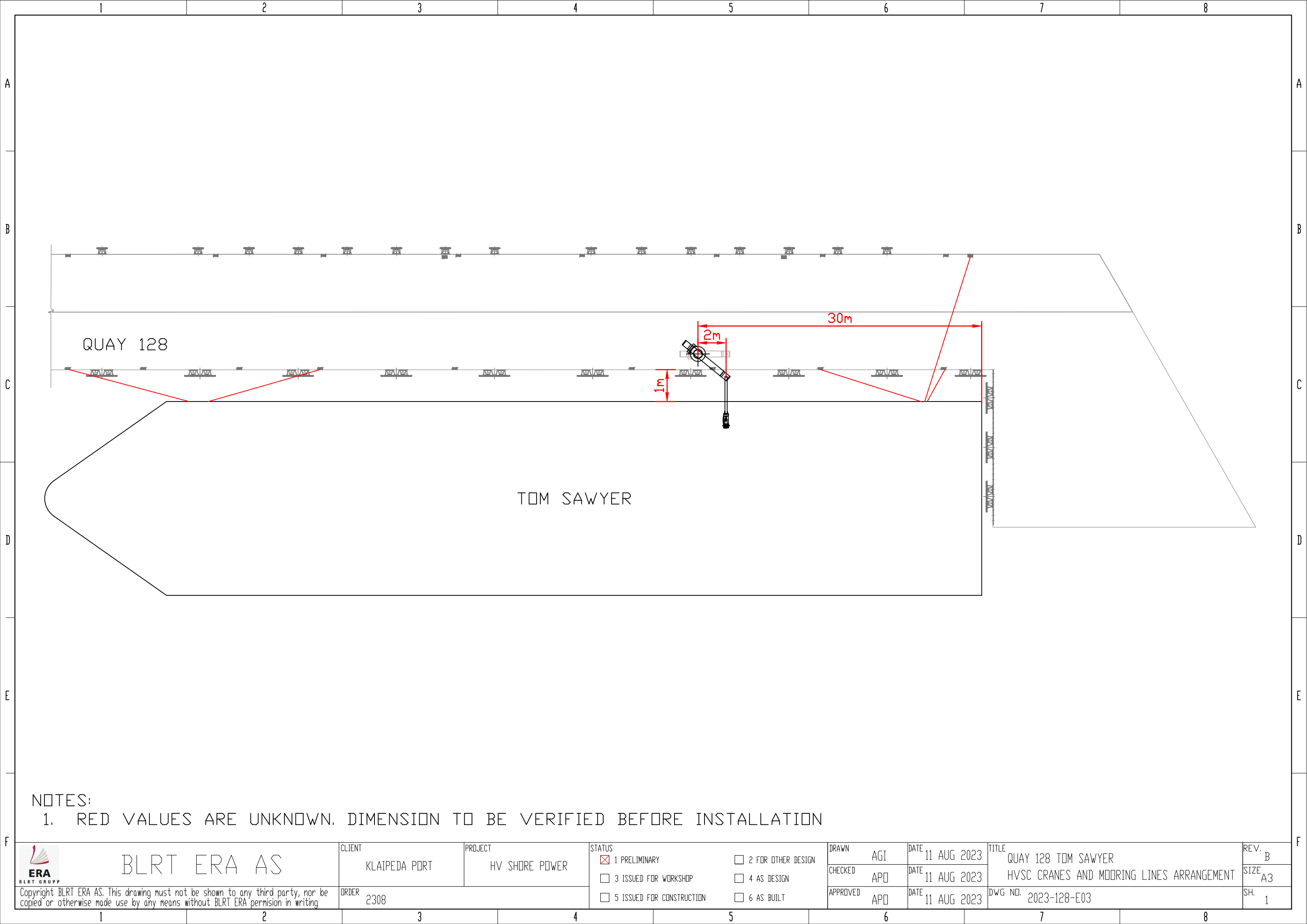
TT-LINE
TOM SAWYER (CRANE 1)
MARCO POLO (CRANE 1)

NOTE:

1. RED LINES = 10KV LINE

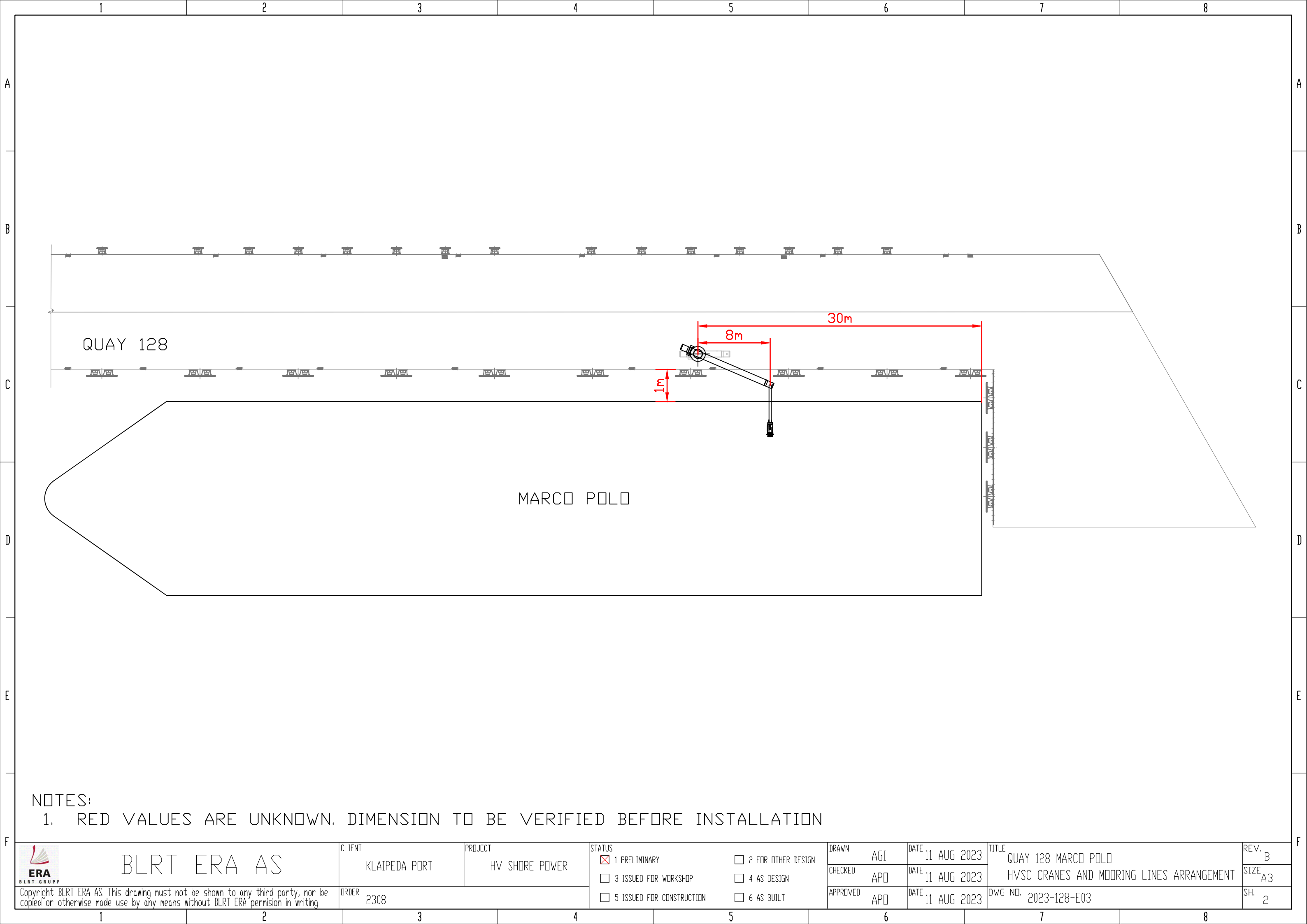


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Drawn AGI	Date 17.07.2023	TITLE Klaipeda Port Shore Power General arrangement quay 128			REVISION A
Checked APO	Date 17.07.2023				SIZE A3
Approved APO	Date 17.07.2023	DWG NO. 2023-128-E02			SHEET 2 OF 2



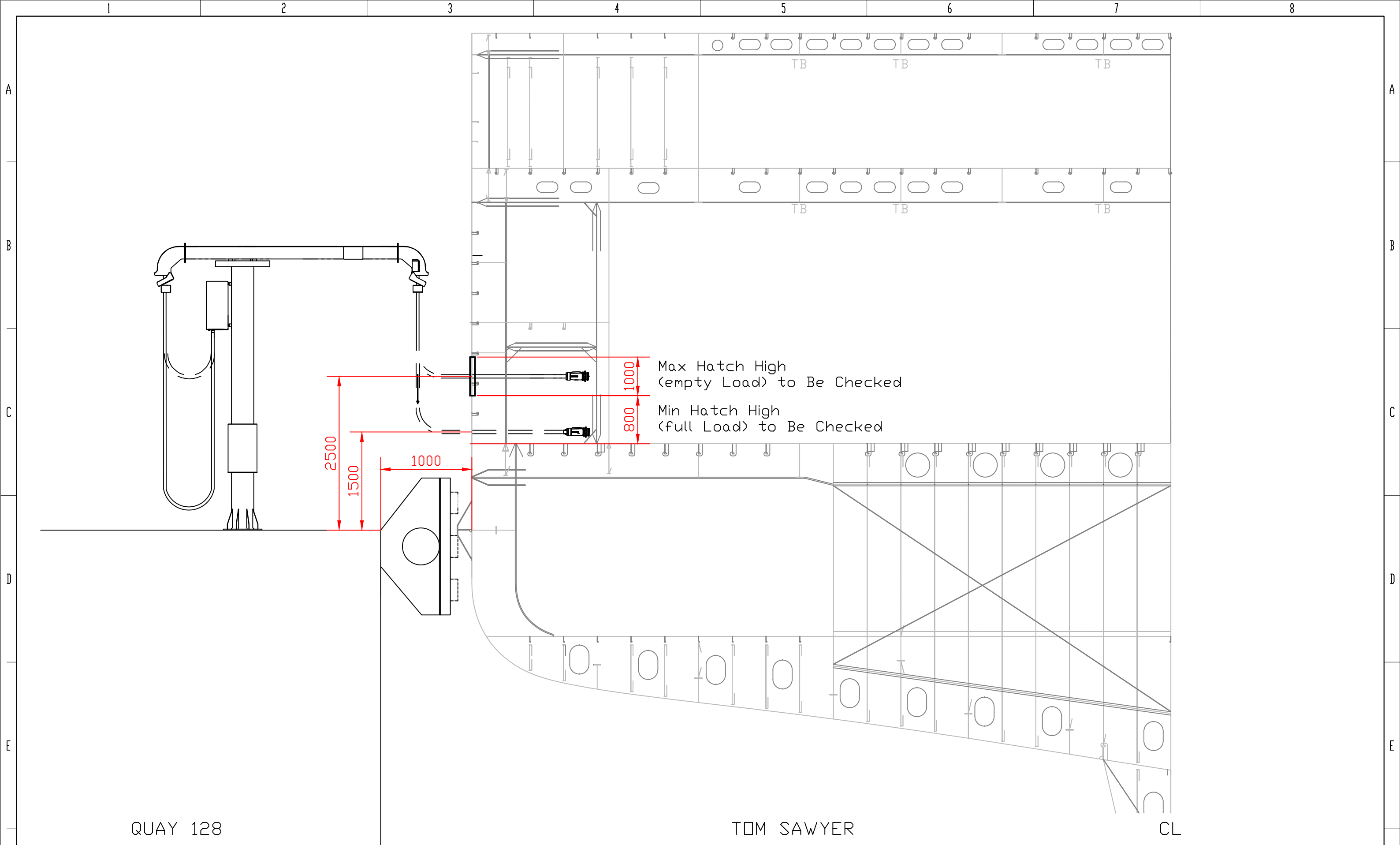
NOTES:
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	ORDER 2308					CHECKED APO	DATE 11 AUG 2023		SIZE A3	
						APPROVED APO	DATE 11 AUG 2023		DWG NO. 2023-128-E03	SH. 1



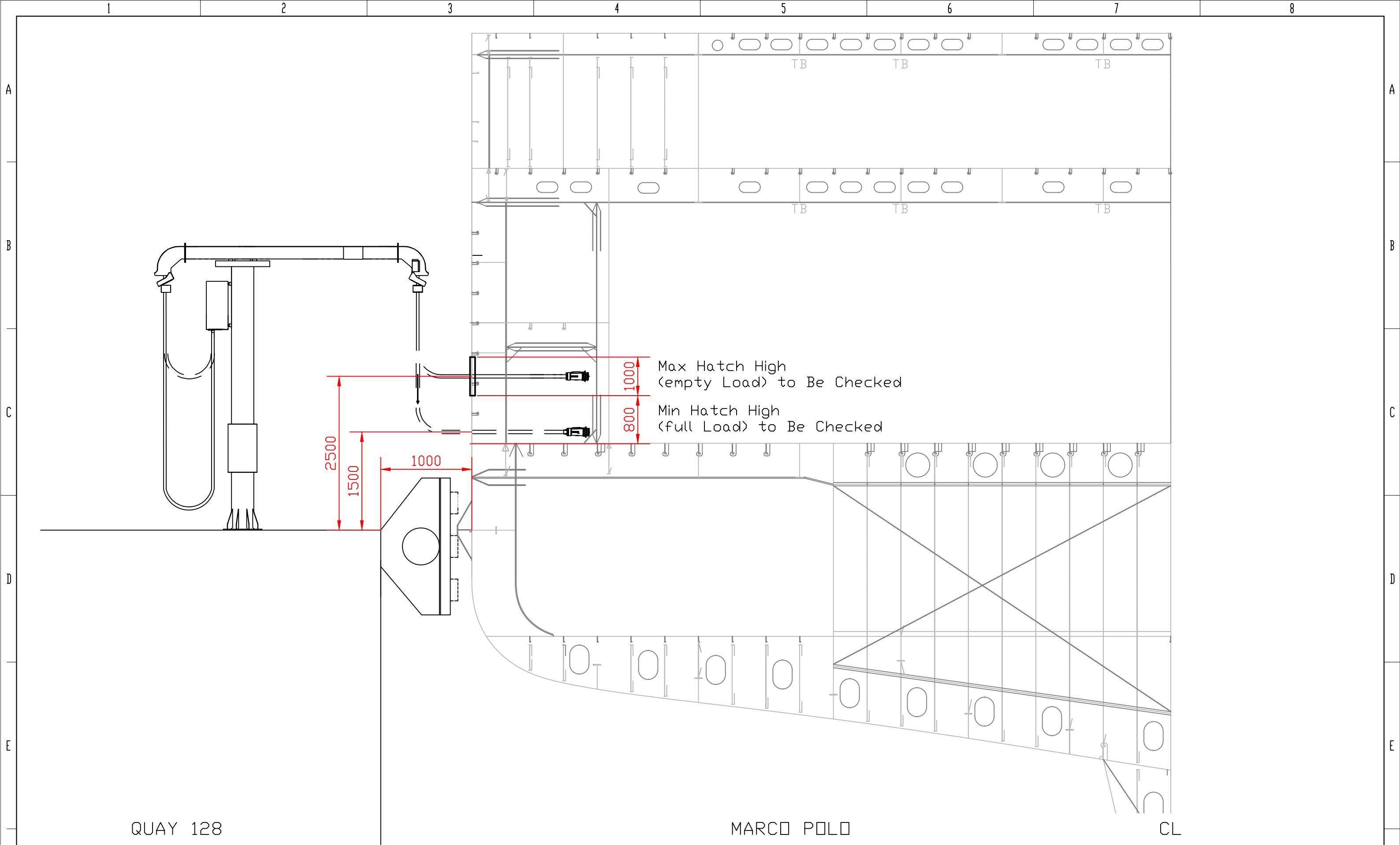
NOTES:
1. RED VALUES ARE UNKNOWN. DIMENSION TO BE VERIFIED BEFORE INSTALLATION

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			ORDER 2308			CHECKED APO	DATE 11 AUG 2023		SIZE A3
						APPROVED APO	DATE 11 AUG 2023		DWG NO. 2023-128-E03



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	ORDER 2308				CHECKED APD	DATE 28 MAY 2023		SIZE A3
					APPROVED APD	DATE 28 MAY 2023		SH. 1



NOTES:
1. RED VALUES ARE UNKNOWN. DIMENSION TO BE VERIFIED BEFORE INSTALLATION

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	ORDER 2308				CHECKED APO	DATE 28 MAY 2023		SIZE A3
					APPROVED APO	DATE 28 MAY 2023		SH. 2

HVSC SUBSATON (Q128)

MEB



1

3

3

1

1

2

2

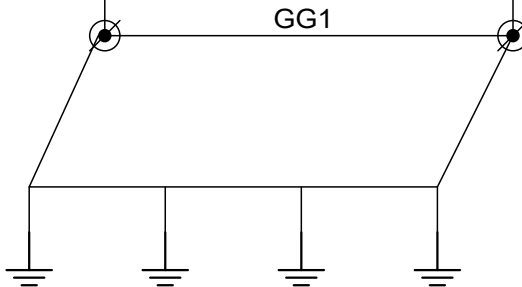
3

SMALL SWITCHBOARDS

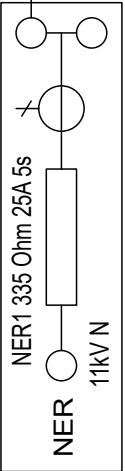
STEEL CONSTRUCTIONS

TRANSFORMERS

FD / POWER SWITCHBOARDS

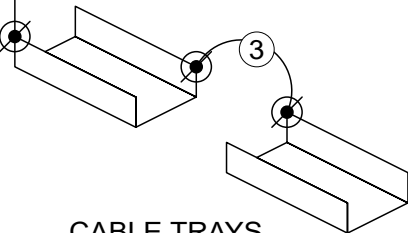


GG1



NER 11kV N 335 Ohm 25A 5s

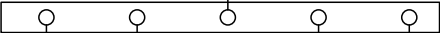
NER



CABLE TRAYS

QUAY 128

CRANE 1
EB



2

3

3

2

CRANE CONNECTION BOX

CABLE TRAYS

STEEL CONSTRUCTIONS



LEGEND:

- EB - EARTHING BAR (Cu 50x8 mm)
MEB - MAIN EARTHING BAR (Cu 50x8 mm)
GG1 - GROUND GRID (Hot dip galvanized Ø10 mm)
 - EARTHING ELECTRODE

GROUNDING CABLES:

- 1 - 95 mm²
2 - 50 mm²
3 - 16 mm²

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Drawn AGI	Date 26.07.2023	TITLE Klaipeda Port Shore Power Earthing Diagram quay 128		REVISION A
Checked APO	Date 26.07.2023			SIZE A3
Approved APO	Date 26.07.2023	DWG NO. 2023-128-E05		SHEET 1 OF 1