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QUANTITY CALCULATION C	OVER SHEET	
Detailed Design on Port Reactivation Project in La Union Province	Project Code	JC1N004/2N001
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	Detailed Design on Port Reactivation Project in La Union Province <u>West Revetment</u> <u>Lifting Bar for Concrete Block</u> re Applied	West Revetment Pay Item No. (BOQ) Lifting Bar for Concrete Block Unit

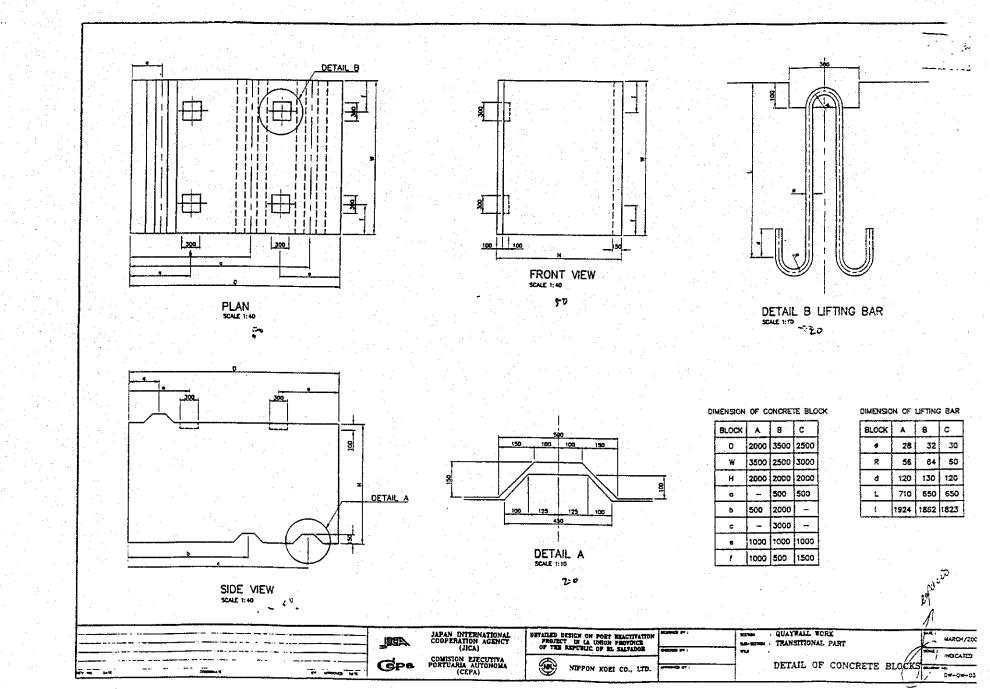
References, Calculation Base and Revisions

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	QUANTITY CALCULATION C		
Project	Detailed Design on Port Reactivation Project in La Union Province	Project Code	JC1N004/2N001
Work Section Title	West Revetment	Pay Item No. (BOQ)	2E-010401
Quantity Item	Concrete Wall	Unit	M3

Calculation Procedure Applied

1 Calculation of Areas of Sections (Excel) 2. Average of Areas of Sections (Excel) 3. Calculation of Volume: Average of Areas of Sections

times distance between Sections

(Excel)

References, Calculation Base and Revisions

See the item of offshore dumping of west revernent (QA-10)

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OWest Revetment

13. Concrete Volume

Section No.	Area (m²)	Average Area of 2 Sections (m ²)	Distance Between Sections (m)	Volume (m³)
		·		
No.0	4.35	· · · · · · · · · · · · · · · · · · ·	1	
		4.35	225.83	982.36
No.10+10.00	4.35			
		3.18	6.00	19.05
No.10+16.00	2.00			
·····		2.00	84.00	168.00
No.14	2.00			
Total		1	315.831	1,169.41

14 Form

Section No.	Length (m)	Average Length of 2 Sections (m)	Distance Between Sections (m)	Area (m²)
No.0	5.97			
		5.97	225.83	1,348.21
No.10+10.00	5.97			11 A.
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No.10+16.00	2.00		and and	
		2.00	84.00	168.00
No.14	2.00			
			and the second	
Total			315.83	1,540.15

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Project	Detailed De	esign on Port Reactive in La Union Province		roject Code	JC1N	1004/2N001
Work Section Title	West	Revetment	F	ay Item No. (BC	10) 2E-	010402
Quantity Item	Form	of Concrete U	ibil l	Init		m²
Calculation Procedu	re Applied	an an an an an an an an an an an an an a				
1 Cal	culation a	of Lengths d	f Sect	ions (Ex	rce1)	
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INIPPON KOEI CO., LTD.

OWest Revetment 13. Concrete Volume

Chatter M		Average Area of 2 Sections	Distance	
Section No.	Area (m²)	(m^2)	Between Sections (m)	Volume (m ³)
No.0	4.35			
110.0	4.00	4.35	225.83	982.30
No.10+10.00	4.35			
		3.18	6.00	19.0
No.10+16.00	2.00			
and a second second		2.00	84.00	168.0
No.14	2.00	54 ¹		
Total			315.83	1,169.4

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14. Form

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Section No.	Length (m)	Average Length of 2 Sections (m)	Distance Between Sections (m)	Area (m²)
		and the second second		1.
No.0	5.97			
		5.97	225.83	1,348.21
No.10+10.00	5.97			
and the second		3.99	6.00	23.91
No.10+16.00	2.00	· · ·		
		2.00	84.00	168.00
No.14	2.00			
				and countering
Total			315.83	1,540,12

QUANTITY CALCULATION COVER SHEET **Detailed Design on Port Reactivation Project** Project JC1N004/2N001 Project Code in La Union Province Work Section Title N/pa Revetment Pay Item No. (BOQ) 2E-0/0403 Quantity item Tigh Board Unit mi Elas

INIPPON KOEI CO, LTD.

Calculation Procedure Applied

Elas Tigh Board will be used as a joint plate.

This arrangement is every 20m.

References, Calculation Base and Revisions

See the item of offshore dumping of west revetment (2A - 10)

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Work Section Title	West Revetment	Pay Item No. (BOQ)	2E-010601
Quantity Item	Concrete Block (D)	Unit	teto÷ M3

Calculation Procedure Applied

Total volume of concrete block as computed by multiplying unit volume by the number.

References, Calculation Base and Revisions

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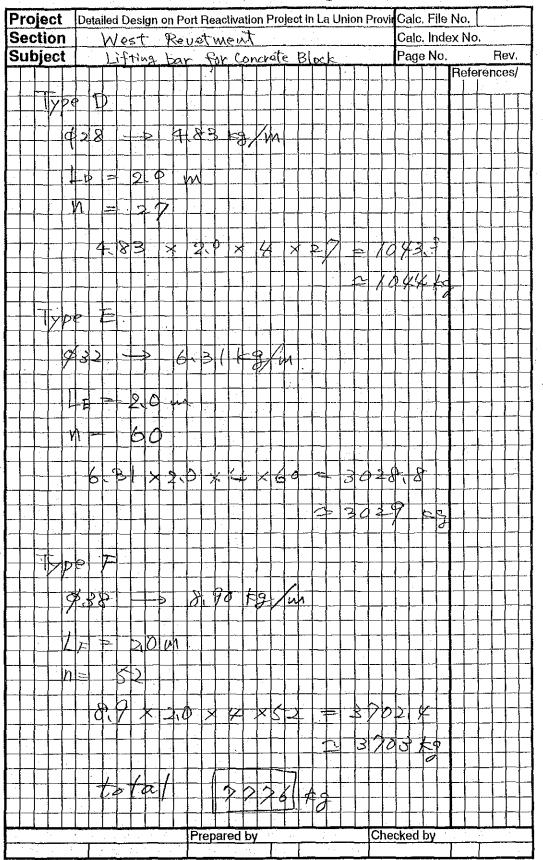
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QUANTITY CALCULATION COVER SHEET **Detailed Design on Port Reactivation Project** JC1N004/2N001 **Project Code** Project in La Union ProvInce 2E-010607 Work Section Title West Revetment Pay Item No. (BOQ) Lifting Bar for Concrete Black Unit No; K9 Quantity item Calculation Procedure Appiled Total weight of lighting boy was computed based on the drawing. References, Calculation Base and Revisions No, of Prepared Checked Reviewed Superseded Rev bv Date Pages by Date b٧ Date by Calc No. Linuma 0 Karla Gari Ando 1.8 2 3



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	QUANTITY CALCULATION C	OVER SHEET	
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Work Section Title	West Revetment	Pay Item No. (BOQ)	2E-010702 .
Quantity Item	Form of Concrete Wall	Unit	No M2
Calculation Proced	ure Applied		

Area of form for concrete wall was computed based on the drawing.

References, Calculation Base and Revisions

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