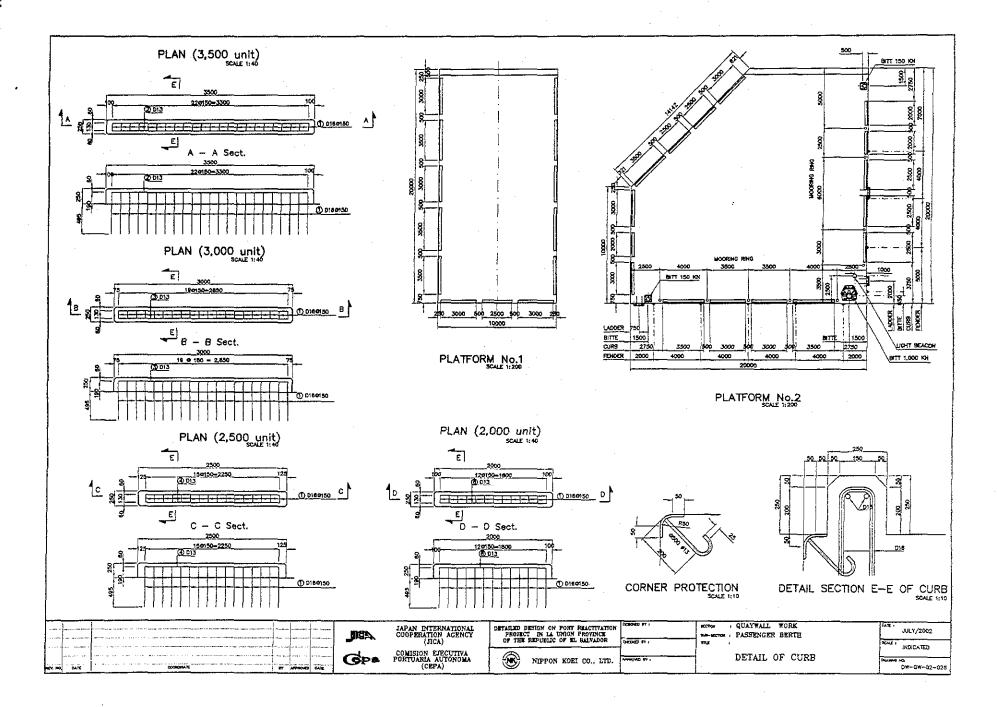
IPPON KOEI CO., LTD.

	QUANTITY C				ET	• • • • • • • • • • • • • • • • • • •
Project	Detailed Design on Po in La Unio	ort Reactivation n Province	n Project P	roject Code	JC.	IN004/2N001
Work Section Title	PLATFORN 1		Р	ay Item No. (E	300) 2D-	PJ0206
Quantity Item	FORM FOR	CURB	υ	nit		m2
Calculation Procedu	re Applied			1 A		
torm for was com applied	ourb was con puted for each in all sides	puted h , type of and	or Plat of curb s.	lorm 1. The l	Torm or Drm wa	εq
						· · · · · ·
References, Calculat	tion Base and Revision	ns	• • •			
Reference	s: Tender De W-QNJ-02	owings; 2 - 028	Detoil	l of Cur	6	 . [.]
7			· .			
						1.
				· · · · ·		
Rev Prepare		Chec			ewed	Superseded
by VI C	Date Pages	by II T	Date	by by	Date	by Calc No.
O Koila Gaza		Nr. Jnuma		Mr. Ando		· · · ·
1						· · · · · ·
2						
3						

 $FN: Calculation_Cover_Sheet_020504_seg\\ cover$



INIPPON KOEI CO, LTD.

Pro	oi	e	ct		De	etai	led	D	esì	an	on	Po	rt F	lea	acti	va	ion	P	oie	ct	in I	al	Uni	on	-			Ge	lo	Fi	le l	No.		T	_			
Se				_			AT												<u></u>						•							<u>k N</u>		-				
Su				-									20	21	3		~~~~																	1	Re	ev.		
	-		1				2 1		-		N	1			6							_										Re	əfe ote	ren	ces			_
	-	4			ļ	2				1	T	7	i					-								-								<u> </u>	<u> </u>			
		Å		=	_	(-	þ. :	20	m	П	<u>?)</u>	+	1	þ. (97	m	12	Д	(3	.50	m)	+	_(0.0	26	F)	(?	2		<u> </u>							
							01					~			2, 0	1		_		_							ŀ										\vdash	\vdash
							Ē	/		<u> </u>																~								-				-
┝╌┼╴	-	1	7		•	1	2.	0	ļ		Į.	1	ļ.,						~~~			<u>-</u>																
┣-┼-	-+'	~	Ŀ	16	—	(<u>¥.</u>	$\int d$		n	\vdash	<u>[(</u>	r_/		=	<u> -</u> '	2.		-	\sim	<u>β</u>										-				-		$\left \right $	
	Ţ	_					-					ļ						İ														1						
\vdash		-	t	=		8.	\tilde{p}_{c}	<u> </u>	n		-		10		=		F¢	5										ļ,			\vdash							
		-		-				<u>├</u> ──	<u> </u>		-	Í –							-																			
			A	1		6.	20	m)	2	1	[(0,0	7	m	Д	2		(3	.0	\overline{c}	4	_(٥.	00	~	X	2)	=	١. (19	6	1	2	}	<u> </u>			••
┝┼╴	+	-		- C			. 7				2					┡	Ľ-			\square						Ļ				-		┡	┝		\vdash			
							Ľ	Ľ	<u> </u>	<u>/</u>			-			-	_											['			-		ŀ					
┠╌┡	-	_[$\left(\left \right\rangle \right)$								21					<u> </u>						2					 						[
┠┼	╉	1	4	F.	:		4	-	<u>></u>	m	F	(<u>6</u>	2		-	р <u>0</u>	•	50		n					<u> </u>						⊢	-	\vdash	\vdash			
		_																L					-											-				
		1		3		6	50		_				b	0			-												-									
┝╌┼╸	+				r			[-		1														\vdash						 					_	
		4	1	6	Ĺ	(0	20	m	X	2		ł	(°	<u>`</u> 0'	11 1	6)	7	1	Z	50	m			(c	. 0	61	·)	2)									
┝╌┿╴	+	-			ſ	T	4	75	<u> </u>		1	<u> </u>		4	2		2	<u> </u>	[-]		\mid	
	-			_																	-											╞─						
		4	ſ	-		Ţ	<u> </u>	8	0	h 2	$\left(\right)$	C	Ŋ		c	1	4	8	~	~ <u>~</u> ~																		
	+	-+	_			-											<u> </u>															 					\square	
	İ.									-							-			-								-				┢──		-		-		
	-	A	T				2.	, ,		_			2																			·						
	┦	7	Ţ	1			<u> </u>	<u>۳</u>		μ	-	<u>n</u>					 -	-									-			-			-					
		1	_														[i				-												[f	
\vdash	+							-	-		\vdash		_			-	_								~~~							L	-				=	_
						-									[ŀ	-	 											-					-				
┠╌╞╴	_										ļ		ļ																					[
┞┼				ŀ	_	-	-	-	l	1-	-	┢	 			-					-				-	_		L	-	 	⁻	 	 					
	1			<u> </u>		<u> </u>	1	[1.								<u> </u>															<u> </u>		\square		
[-∔-	+	_		ĺ	-							 					_	<u> </u>															Ē		\square			
[+	-			-		\vdash		-			┢					-	<u> </u>																-				
										[Ľ															L	<u> </u>					
										_	-	<u> </u>			-	-																<u> </u>						
				Ŀ			<u> </u>	E		<u> </u>	<u> </u>		<u> </u>		-	-													-		-	┢─		-				
			_								<u> </u>																											
	, <u>,</u>												Pr	epa	are	dŁ	y									Cł	nec	kea	d b	<u>y_</u>								
				-	_									_							1		/2(00					-	-	_			7		/2(ю	

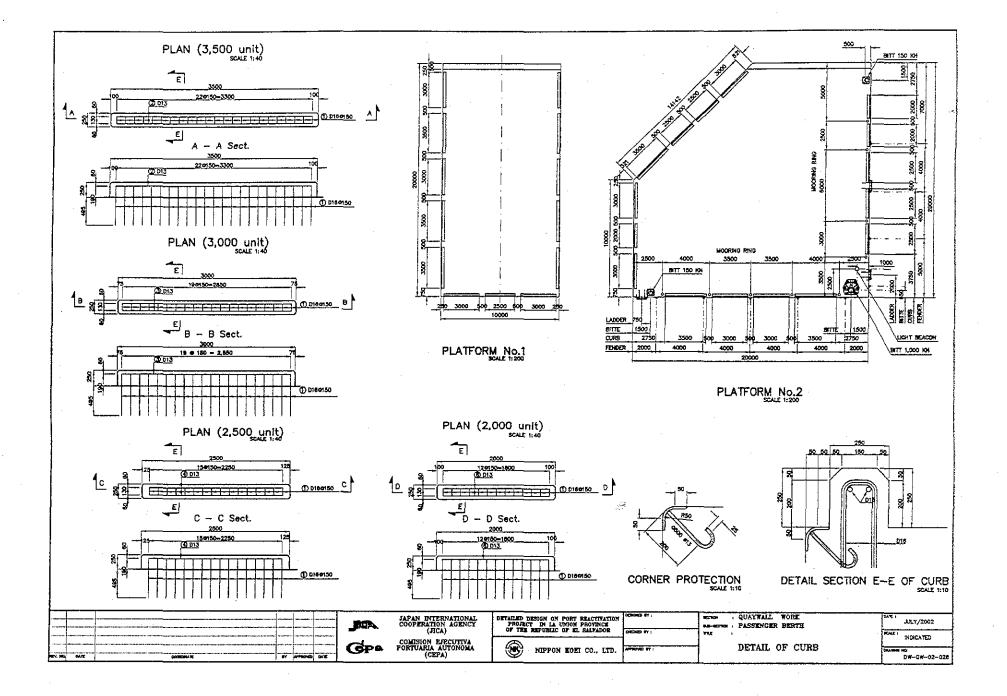
FN: Calculation_Sheet

.

(NIPPON KOEI CO., LTD.

· · · · · · · · · · · · · · · · · · ·	QUANTITY C	CALCULATION C	OVER SHEE	T	
Project		ort Reactivation Project	Project Code	JC1	N004/2N001
Vork Section Title	PLATFORM	1	Pay Item No. (BO	Q) · 2D -	P10207
Quantity Item	REINFORCEHEN	T FOR CURB	Unit	Ł	9
References, Calcula	ment was com puted for ead ng all bor kno e multiplied tion Base and Revisio nces : Tender			ein breemer compute cr. Then	- d ,
		Checked	Review		
by	ed No. of Date Pages	by Date	by	ved Date	Superseded by Calc No
O Koila Goura and					
O Kola Goua da		by Date	by		
O Koila Goura and		by Date H. Jaoma	by		

FN : Calculation_Cover_Sheet_020504_seg cover



DIPPON KOEI CO., LTD.

P	ro	je	ct	<u> </u>	D	əta	ilec	1D	esi	gn	on	Po	rt I	Rea	acti	vai	tior	i Pi	roje	ect	in ł	a	Un	ion		-		Ga	lc.	Fil	le f	VO.	-		****			
			or				17					1				-							مى <u>مى</u> ت									(N						
~	_	_	ec		† i	_	-7A		_		M			-	:	Fε	2	, ,	cυ	P	в									N					Re			
						Ē			L	Ĺ	Ĺ		<u> </u>		ļ														ž						ces			
		1				<u></u>	50	-	[Į				 		<u> </u>				ľ			_	ľ		-					No	otes	3	,,			
-	·	-	=	-	<u> ~</u>	<u> -</u>		-	户		\vdash	- '	0.	}	F	£				<u> </u>				-								-	-					
		01	6	×	2:	1	-=	ſſ.	5	¢ 1	ħΖ	m		1	50	m)	2	3	b	=		53		82		5	,	53.	90	5	Y_						
_				<u> </u>	-						ľ	Ľ		-	 }		Ľ		2	[<u> </u>	ļ	_	_	Ļ	ļ			.6	m		V						
		<u> </u>	þ	×	2	f	T	R	1.7	195 	14	Ym	μ.	<u>{</u>	<u>}.</u>	00	<u>m</u> /	1	2	μ	=		٢.	57		ļ		6	.φ			Ľ,		\vdash		_		
				M	1	E		6	Þ		Бc	2	7	q		<u> </u>				<u> </u>			_															
											<u> </u>			μ_					-	<u> </u>											 							
	_	t		<u> </u>	3	0	0	<u>ф</u>	┢─	-	<u> </u>	K	0			6								-				L			┟╴╽							
				ļ					2	ļ			ļ	1.	L.			\.		L,																		
-		D1.	6	X	5	p	=		4	50		9/	m	ľ	\downarrow^{\prime}	50	M	μ	2	0,	=		1	6.	8	0	l											
		D	13	×	i	1	=	$\overline{1}$	o.	99	5	G)	m	[]	2	8	5 ~	b	t	2			5	6	7	 a	~	107		70	f	K		$\left \right $				
	-				\mathbf{h}					_		/			<u> </u>			<u> </u>			[/ 						Ľ						
				<u> ^</u>	1	=	+	\$2	ŀ	50	}		Kg		\vdash					┝	$\left - \right $									-		-						
				[4.																	-							
	-	L	=	-	1:	2.	Sc	1	m	\vdash				\mathcal{H}	р —	=		1		 			Ļ		<u> </u>		$\left - \right $					ļ						
		3	K		¥ I	6	=	7	1.	\$6	E	1~)	1	5	þ,	5	17	16	<u>}</u>				7.	4	\overline{q}		5	<1	3	7.	56	 			L		Ļ
1				1					1	ļ	'		1					È				_						^						+				
-			1 2	}	X	2	=	<u> </u>	<u>ø, '</u>	19:		₽ <i>1</i> ;	<u>-</u>)	(2	<u> . 2</u>	2	m	μ(2	μ.	=	-	4.	48	<u>p_</u>	9	5		4.	50	[Ľ			 			┟┈
1					$\overline{\mathbb{N}}$	=		9	R.	60			9			<u> </u>		 																				_
-	_			┣-			1			<u> </u>					_		 _															Ĺ						
	-	-	 .		┼─		$\left - \right $					-				 	-		-		 						-				-							-
ļ	_		V	ſ۷	7	:	F		6	Ø.	50	1)	6	Ľ	+	$\left(\right)$	52	.5	2	þ	6		+	4	2.	00		1									
					╂_		⊢	 r	F	<u> </u>	-				<u> </u>		Ĺ	<u> </u>		 	ľ.						-		1	L				ļ				
			L			E		Ħ	ţ,	2	0		Ł		H	-				 										 		╞						
	_								F	F				-	μ					—												_						
	_		 	╞	╂	<u> </u>	+	╞	-								\vdash	-					┣	\vdash	 	<u> </u>	<u> </u>			╞	╞				ļ	-	<u> </u>	-
1					<u>† </u>		Ì		L	Ĺ																				_			[
															<u> </u>				L	ļ		_				_						 					 	ļ
		-			t		+	\vdash	┢																	-					-	╞	$\left \right $				┢╌	
4					-		<u> </u>																			<u> </u>					E							
	-				╂		-	\vdash	\vdash						.	l				╞					L						_	┞		┣-			 	-
					t			<u> </u>	1				•																	<u> </u>	Ŀ	L	Ŀ.					
_	_				ļ			<u> </u>							<u> </u>			<u> </u>		Ľ			L				[_	F		-					
				 	†–	╞		┝	<u> </u>					\vdash				<u> </u>			-				-	-				-	╞	╞	╞		-		-	ļ
Ţ							1																							Ē					<u> </u>			
1	_							-											_				<u> </u>							<u> </u> _							[[.
					-			\vdash		<u> </u>							-		\vdash		\vdash		-		-				-	\vdash	┢	 	┢	┢─	╞	╞	╞─	\vdash
													Pr	epa	are	d b	y									CI	nec	ke	d b	v		<u> </u>	•	-			<u>,</u>	÷
						Γ							-								1		12	00		<u> </u>				<u> </u>		Γ		1		/2	:00	
						1							·						L,		•		-		-	<u> </u>		_		_		4		-				

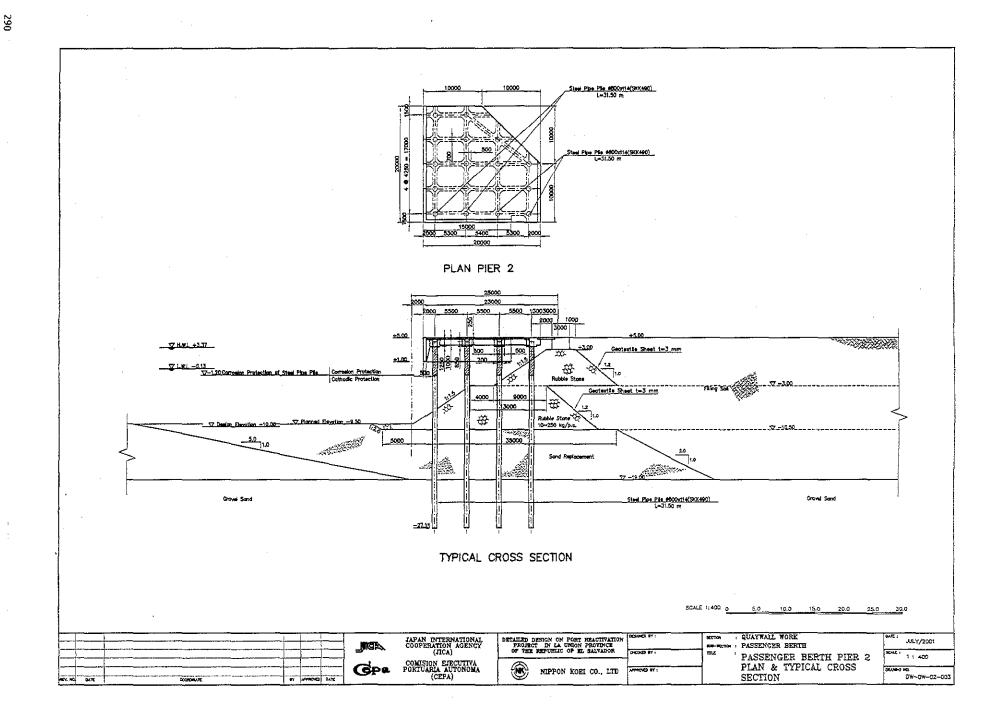
;

FN: Calculation_Sheet

NIPPON KOEI CO., LTD.

QUANTITY CALCULATION COVER SHEET Detailed Design on Port Reactivation Project JC1N004/2N001 Project **Project Code** in La Union Province Work Section Title PLATFORM 2 Pay Item No. (BOQ) 20-P20101 Quantity Item STEEL PIPE PILE Unit Nos Calculation Procedure Applied Steel pipe piles were computed for each type of pile, including diameter and thickness. Lenght was multiplied by the total number of pile in platform 2. Also, the unit and total weight of pile were computed using Weight Tables. References, Calculation Base and Revisions DW-QW-02-003 Passinger Bill Piere Plon & Typical Cross Section. Prepared No. of Checked Reviewed Superseded Rev by Date Pages by Date by Date by Calc No. hala Goria 1r. Ando 0 Mr. Jauma 1 2 3

FN : Calculation_Cover_Sheet_020504_seg cover



į

INIPPON KOEI CO., LTD.

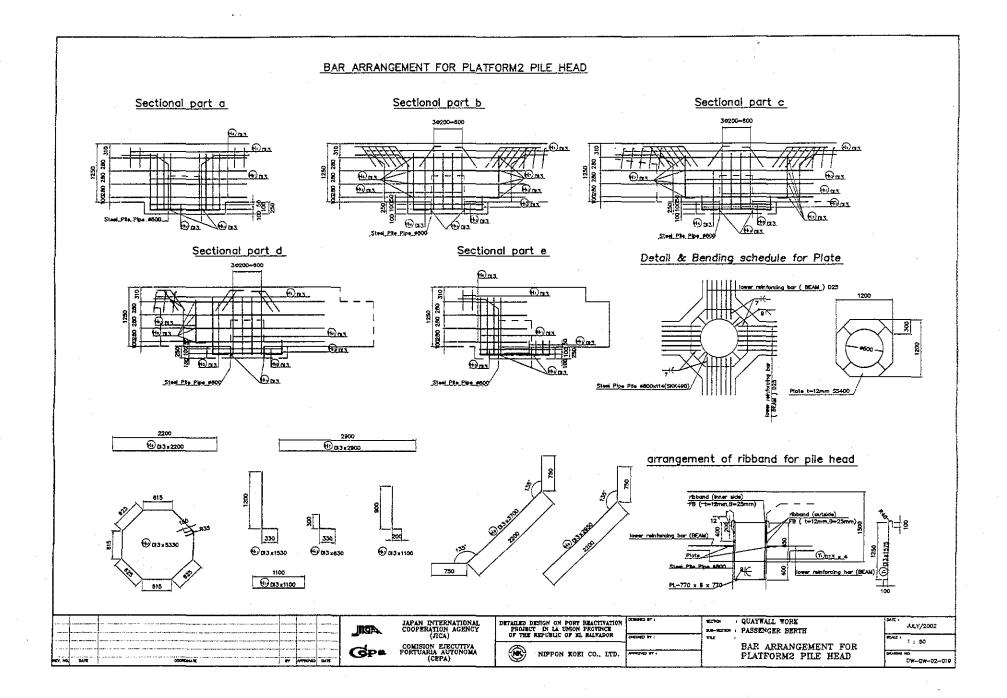
Pr	0	je	c	t	Ī	De	eta	ile	11	De	sie	gn	on	Po	ort	Rea	act	iva	tior	n P	roje	ect	in	La	Un	ion				С	alc.	. Fi	le l	No.		Τ	_			
Se					- 1								. 1-1															الاستاني		1				ć	lo.	1				
Sı	ıŁ	⊃j€	ЭС	st	T											P	11	E	Ξ											T****							R	ev.		
			-	_	-			ļ	-							-	ļ	1			ļ			1_				Į			<u> </u>	<u> </u>		R	efe	rer				
	-		\mathbf{H}	42		_	-	<u>.</u>		-	1	_		7	-			<u> </u>	1_	-		┼				-				<u> </u>				N	ote	s	Т.,	T	<u>,</u>	<u> </u>
_	-		f	f	-	-	ľ						+'	1	-	╂	-	┢		-			╞	<u> </u>					-			1		-	-			┢		┢
		_	4	ø	_		=		9	10	õ		~	2				<u> </u>				ļ	Ľ										Ľ	Ľ			-			
-			ľ	╢-	╉				Ļ	1			, ,	-	-		_	<u> </u>	╞			_			<u> </u>			<u> </u>	1	┣━_	<u> </u>	<u> </u>		ļ.			<u> </u>			-
			┢╌	4	╉	-	-	-	č	21	``		1	$\frac{m}{m}$	-		┢	-	╆╌		$\left \right $		-			-				┝		<u> -</u> _	-	┨─		-	-			╀
			-	ŧ		-			14	1	2	21	h		1			<u> </u>										<u> </u>			-		┢		-	t	-	†	<u>†</u>	╀
				+	+	_			_	-	_							-					<u> </u>	<u> </u>		ļ		[_						ļ					
			-	+	╉	-	-	┢	┢	-			+	-	<u> </u>	$\frac{1}{7}$	-	{-	╞╌	-	╀──	-	┼─	╞	<u> </u>	-		<u> </u>		-	<u> </u>		-	┠╌	┼─	+		╢		╁
		1	Ĺ	E	7		ý	V	=	Ē		2	71		Ľq		h		t				<u> </u>	f					-				-	┟──	ŀ	\uparrow		╞╌	†	╀─
	-		╞	-	+	_	+	L-1		_			 	E			£	<u> </u>	<u> </u> /-	1.				-	L-,	ļ			Į								_			
-			┝	₹	+		<u>)</u>	<u> </u> +	╞	4	Je	19	$\frac{n!}{n!}$	1_=		Ķ	17	<u> </u> -	17	m	Д	10	ļ. <u>5</u>	10	f,		Ë.	12		23	Ģ	15	þ	┢┙	B	╞	-	-	-	+
1			Į	Ţ	Ţ			Í.	L	1				T	L			1-		L		E	<u> </u>	Ľ		4	Ł	8		52	\$ 7	łł	h	┢	ŀ	<u> </u>	ŀ	-	$\left \right $	\uparrow
-+		Ļ	-	_ ➔	-	_	Ā	 		_		1		-		$ _{v}$		¥.		1		ļ	ļ		-				1_		Ľ		Ľ	[_	Ľ		 _	 		1
+			-	7	╀	Ì	\sim	П	4	f	-	f,	ř ~	<u>, c</u>	77	k	\downarrow	<u> </u>	1	Ł	+-		-	-	-	<u> </u>		-	+-	-	4			┢─		-	┝	-	-	┢╌
				Ť.	1				Ĺ		-		ļ	5	,	1	23	Ł	K			\sim	t	1.	5-	1Ţ	5		to	n	Ħ	┢──	╞	┢─	\mathbf{T}		-	┢		╀╴
					-	_					-		ŀ		ľ	<u> </u>	Ļ	[Ľ				ļ		-	<u> </u>		-			h.	ļ				L.,				
-			ŀ	+	╀				$\left \right $	+	-			-				<u> </u>			 													{		-			<u> </u>	╞
			[1				İ				<u> </u>		Ι.								-	1				-	-	-		L -	 	┠─	┢──			-		╞╴
			-	╞	-						_		[_	<u> </u>								Ī										Ľ	İ				Ŀ	ļ	1
	-		┝	┼	╉	-			$\left \right $	-+	-					┝─		-	.			-							-			.	<u> </u>	┨─	<u> </u>			. 	┟	╞
			['	1	t										\Box	[╞──	<u> </u>		-	-	⊢		┢─	$\left\{ - \right\}$	╞		<u> </u>	┢─	-		-			+-
			 	ļ	+	_		 		_	_		<u> </u>		ļ							—								1.		L.		E	1_					Ĺ
_			-	┢	+	-			┞	╉	-			-		-		-		-			ļ			-		┣_						┨					-	-
							_						 					ŀ			-	-	[-					- <u>-</u> -		\vdash			┢╌				+	-	┽╴
					+					_		_				<u> </u>							Γ.												Ĺ					L
	\neg			┽	+	╡			$\left \right $	╉	-		<u> </u>	\vdash					<u></u>		_									-	 	-		 		-		-		+-
				T			_		┢				-	1-		┢	-	<u> </u>		\vdash				-							╞		-	╞		\vdash		-	┢	╀
\downarrow				+	+				Ľ	-				[[[[-	<u> </u>	<u> </u>			Ľ.			[1	T	†	1		ţ.
+	-		┝	+	╉				╞	+				-				┝				-	-		[-	-				╞	╞	-	╞
1		_			t		<u> </u>		ŀ	1				-	t	ŀ	E		<u>†</u> -		╎╴		┢	[-	 		┝╾╴		\vdash		-	┝╌	╞	┞	┝		-	-	┝	+
_	_				1	_			L	-					F								[Γ.				ļ	L	Ľ	<u> </u>	L			Ţ
-+-	-		$\left \right $	+	1	+			\vdash	+					┞	⊢-		╞	-			 	╞	┨──		\vdash	┢					-	<u> </u>			-	-			1
			Ē	t					L	t		-		["	ŕ	\square	-	1-				\vdash	┢	1-	\vdash		-		-	\vdash	┢	$\left \right $		╂─	-	+	+	+	+	+
4				1	Ļ	1		[Ţ				<u> </u>			[<u> </u>		<u> </u>													<u> </u>	L		1	1			Ţ
1				1	1	+		 	1	-	-		<u> </u>		{	-	-	\vdash									 	┣-	_	 			<u> </u>	-	<u> </u>	-	<u> </u> .	1.	1-	4
				Ĺ					ŀ	1		_	†—		<u> </u>	\vdash	┢		+	╞			┢	\vdash		 	-		+	<u> </u>		<u> </u>		╞			+-		+-	+
1				;		4		1	1	ļ					ļ	\Box	<u> </u>							Γ						ļ				t	1			L	Ĺ	t
1	 			1	+			 		+			 		<u> </u>	-		1	-		_	┣-	-					ļ					1	F				F	Ĺ	Ţ
<u> </u>				<u> </u>	<u> </u>	-			•	-			<u>!</u>	1	P	ep	are	r M	! w	•	<u>!</u>	1	1	<u> </u>	<u> </u>	;	1		1	 	<u> </u>	ŀ	1	L	1	<u>1 ·</u>	1	1	1	!
			~			Т													<u> </u>		T.		,		10	<u></u>			hec	ke	d b	y_	·	T						
			_								_				L				_			_	/		12	00		L						_		1		/2	00	ł

FN: Calculation_Sheet

NIPPON KOEI CO., LTD.

QUANTITY CALCULATION COVER SHEET Detailed Design on Port Reactivation Project Project Code JC1N004/2N001 Project in La Union Province Work Section Title 20- P20102 PLATFORM 2 Pay Item No. (BOQ) Quantity Item Unit PLATE Calculation Procedure Applied Plate was computed for Platform 1. The unit weight was nulliplied by the total number of pieces. References, Calculation Base and Revisions References: Tender Drawings: 0W - QN - 02 - 019 Bon Arrangement for Platform Pile Head Prepared No. of Checked Reviewed Superseded Rev by Date Date by Pages by Date by Calc No. Hr. Ando haika Gada Mr. Jnuma 0 1 2 3

FN : Calculation_Cover_Sheet_020504_seg cover



plat	form	2	

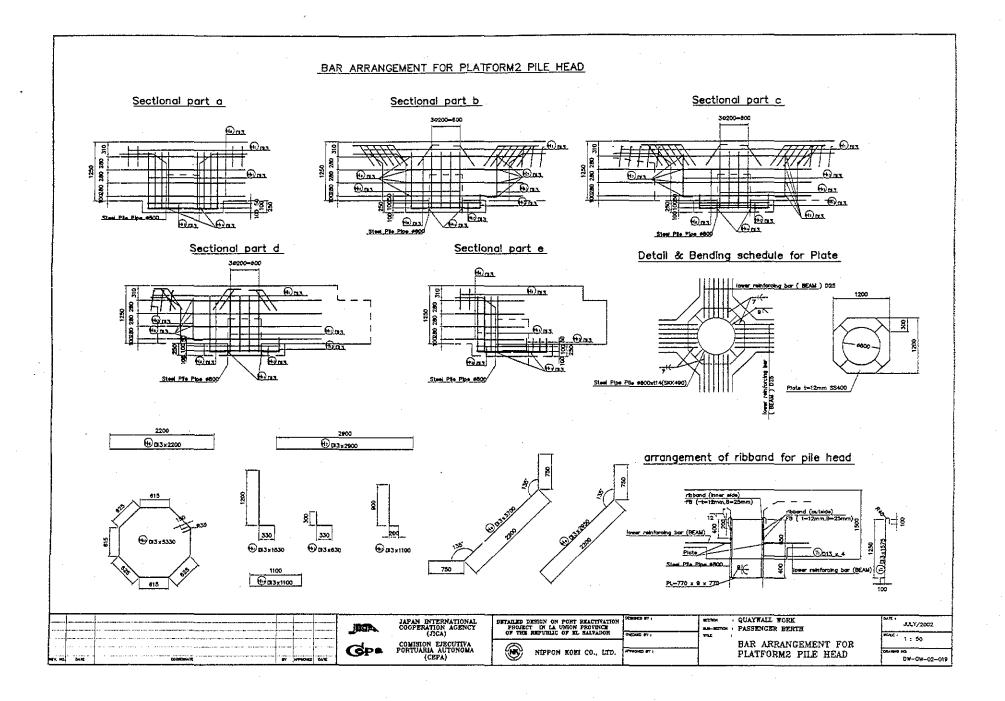
<u></u>										
$ \top $,	
		<u> </u>		D25		15,270 k				
ĬŤŀ	ан со со село село село село село село сел		·	D19		26,771 k				
A				D16 D13		<u>3,385 k</u> 3,903 k				
$ \uparrow $		· .		TOTAL		49,329 k				
			«			<u></u>	<u>y</u>			
	<u> </u>	· · · ·		PLATE(S	S400)					· ·
. –						ces=1,212	2.1 kg		·····	
	······					······································				
))outside		2.36kg/m				
		RIBBAI	VD(SS40)	D)inner si	de 2	2.36kg/m	x2.36mx	34pieces		
	· .		· · · · · · · · · · · · · · · · · · ·	TOTAL						1 kg
	<u></u>	···· ····· ···························	· · · · · · · · · · · · · · · · · · ·					······································		
							7040		7	
-			<u>_</u>	CONCRI			304.9			
-			· · · · · · · · · · · · · · · · · · ·	<u>-,,, -, -, -, -, -, -, -, -, -, -, -, -,</u>	<u> </u>		846.	<u>130 m²</u>	<u></u>	
	(T ₁)	D 13	1,575	0.995	68	1.567	107	7		-
	<u> </u>	<u> </u>				I				
				D13		107 k	g			
				TOTAL		107 k	g		·····	
		·				·····	<u></u>			
i				PLATE(S	(0012)					

INIPPON KOEI CO., LTD.

Pro				D		ilec								acti	va	ior	P	roje	ct	in l	.a l	Uni	on				Ca	lc.	Fil	le i	۷o.		 				
Se					1	LA	7‡	-0	21	11		2															Ca	ılc.	Ind	dex	<u>k</u> N	о.					
Su	bj	ec	t			ΡĪ												-									Pa	ige	No	э.			:	Re	ev.		
	1			1	1				1	į							Ī	I	ĺ	į									_		R	efe	ren	ces			, mpire
	<u> </u>	_	ļ			L				<u> </u>			[No	ote	5				+
	+	$\frac{1}{\sqrt{2}}$	6		 	<u> </u>	<u> </u>						-		-				ļ	V												<u> </u>	-			-	╞
	+		\triangle		=	╞	1,	2	1	2	110	μ	Ľ	?	7		5	50	2	Ľ							_					} !		$\left - \right $			╀
	╞	1	┢		<u> </u>							-	┢──		-															⊢	┢	┢	\square				╀
	\uparrow	1-	t	- 2	-		J	<u>, </u>	71	71	[J	0		k	4	┢					-							-		┢		:				t
								r	<u> </u>	Ē					Ĺ	Π																1					Ī
	<u> </u>	ļ			<u> </u>																									ŀ	L						Į
+		╞	-	-,		<u> </u>		<u> </u>		4			_		4	Ł															L	 		} ;		L	ł
	┢┈	╆┈	<u> </u>		È.		╟		/	7	Ø	\mathcal{O}			t	1	₩.													 			\square	H			┦
+		†	†			\vdash	╞┺╍				-			┝┈			μ.							\square				-			┢┈	¦	┝──┦	\vdash			t
	[Ľ			L								•								-	t	t	i	H				t
_										<u> </u>																											Ţ
+-		_	-				Ļ	;					 	<u> </u>			_														[ļ			$\left - \right $		1
		┞	<u> </u>				··· ;			 	\vdash			-	··				<u> </u>	·						_				<u> </u>	┨		\vdash				4
	+	┢	-						-		\vdash										_											<u> </u>	\vdash	⊢	┝╶┦		+
																															F	İ					1
_	Ļ																																				1
		-						ļ							-															-	 	<u>i</u>		\square			
	╞	╞			_	-			—		_	—																			┣	 			$\left - \right $		-
	┢						┢──																								┢─	1			ŀ-∣	<u> </u>	-
		<u>†</u>	†											-				-												·	1-	İ		1			-
_	ļ																															1					
	╞		<u> </u>							<u> </u>									┣										ļ_	ļ		!				ļ	_
	╈╸	┼╌					_	<u> </u>						-	_	_		┣—	┝	-					_					-					<u> </u>		-
	┢	÷۰	┼─	-		-																			-				-	┢──	-	 		<u> </u>	<u> -</u> _	┢	_
	<u> </u>	1-		-					• • • • •										<u> </u>					-		• • • • •			┢─	1	t	İ	┢	-			-
																																İ		-			
<u> </u>		ļ	ļ				<u> </u>			<u> </u>								ļ						<u> </u>				L	ļ	ļ	 	<u> </u>			ļ.	L	-
	╂	-	┝	-			<u> </u>			 			<u> </u>			\vdash			┣					 					<u> </u>	-	┢	1	–	. 	_	 	_
+	┢	\vdash	\vdash			<u> </u>					\vdash	\vdash	-	\vdash	\vdash	-			┣		<u> </u>								├	-	1-	<u> </u> 	┢	┢	┢	┝	~
	1		Ĺ			Ē				\vdash									\square				-	\vdash		-	†	1-	†	\square	t	Ì	\vdash	+	\vdash	t-	-
			[-																				<u>[</u> _			Γ			E	Γ	
	_			<u> </u>		ļ	<u> </u>	┞	<u> </u>	<u> </u>									<u> </u>	 	ļ				\vdash	ļ	<u> </u>	Į	L			1_	\downarrow	<u> </u>	\downarrow	\downarrow	
+-	┢	┢	┢╌	<u> </u>	,		 		-	-		-	<u> </u>	<u> </u>			┝		┝				-	<u> </u>					 	╀	-			╞	╄		_
╋	\vdash		<u> </u>	-	\vdash	\vdash		-	-					<u> </u>		-			┝					\vdash			-	┝	┢	1	┢	+	┢	╀┈	┝	┢	
		1	L					-				-					1	t	†			<u> </u>						<u>† </u>	t	┢	\mathbf{T}	1	┉	†	+	┢	-
																		L											Ľ		L	Ĺ	T		Ĺ	T	_
	 	_	<u> </u>	L	_	_	┣	<u> </u>		<u> </u>	<u> </u>		ļ	ļ	ļ	ļ.,	<u> </u>		Ĺ	<u> </u>				Ļ	1_						F		\downarrow	Ļ	F	Ļ	_
+-	+	-	╞					┢╌	-			┣			-	┞	⊢	⊢	_				┞	<u> </u>	–		 	_		╞	╀		╞	╞	┢	+-	
+	+	\vdash	+-					├	├	┨		<u> </u>			┢┈╴	┝	┝	┢─	╄	╂			┢╌			-	<u> </u>	┡	┢╍	+	╋	1	╀	┢	╀	+	
1		Ĺ	1		<u> </u>		-		†	<u> </u>	\vdash		<u> </u>		-	1		├	<u> </u>			†—	\vdash	f	┢╌	-	\uparrow	┢	┢	+	╋	+	1	┼	┢	┢	-
			_						L.		Ĺ									Ĺ			1	Ĺ	Ľ	[_		1	t	t	t	İ	Ť	Ť	1	1	-
1	ļ	1	1		ļ						1					ļ	ļ							1_					1	1	ľ	1		Ţ	T	Τ	
												Pr	ep	are	dt	Ŋ									CI	nec	ke	db	v								
																		Γ	-	1		12	00		Γ						Т		1		12	200	ñ

NIPPON KOEI CO., LTD.

QUANTITY CALCULATION COVER SHEET Detailed Design on Port Reactivation Project JC1N004/2N001 Project Code Project In La Union Province Work Section Title Pay Item No. (BOQ) 20-P20103 PLATFORM 2 K EIBBAN D Unit Quantity Item Calculation Procedure Applied Ribbond was computed for Platform 2. The outside and inner side ribbond were computed. References, Calculation Base and Revisions References: Tender Drowings: DW-QW-02-019 Bor Arrongement for Platform 2 Pile Head. No. of Prepared Checked Superseded Reviewed Rev Date Pages Date by by by Date by Calc No. Nr. Ando halla Garaía 🕳 Mr. Juma Ο 1 . 2 3



1 + 1	
platform	2.

•											
				D25		15,270	kg				
		······································		D19		26,771	<g< td=""><td></td><td></td><td></td><td></td></g<>				
				D16		3,385 4	kg				
			,	D13		3,903 4		-			
			e	TOTAL		49,329	кġ		· · ·		
									· · · · · · · · · · · · · · · · ·		
				PLATE(S	S400)	•			-		
				71.3kgx	17pied	ces=1,21	2.1	kg			
		RIBBAN	ID(SS400))outside		2.36kg/m	nx2.	53mx34p	ieces=	=203.0	k
		RIBBAN	ID(SS400))inner si	de 2	2.36kg/n	nx2.	36mx34p	ieces=	=189.4	k
-			·····	TOTAL						392.4	k
				· · · · · · · · · · · · · · · · · · ·							
				······································		· · · · · · · · · · · · · · · · · · ·					
				CONCRE	ete vo	DLUME		304.954	m3		
		•	······		FOF	RM		846.130	m2		
		<u>, 'una anno 1998</u>									
	$(\overline{1})$	D 13	1,575	0.995	68	1.567		107	<u> </u>		
		<u> </u>									
				D13		107	кg				
				TOTAL		107 4	<g< td=""><td></td><td></td><td></td><td></td></g<>				
				PLATE(S	S400)						
				32.9kgx	17pied	ces=559	kg				
- k		·······	······································	······································		· · · · · · · · · · · · · · · · · · ·					
								1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			

INIPPON KOEI CO., LTD.

	~~~~	je							031	<u>yıı</u>	011	<u> </u>			101	Iva		11	roje	ect	in I	<u>_a</u>	UII			-		Ū.	HC.	H.	Ie I	No.						
Se	90	xti	<u>o</u> r	<u>ן</u>	L		LA																					Ca	alc.	In	dex	k N	0.					
ŝι	Jt	⊃je	ec	t			1B																					-	ige						Re	ev.		-
				ľ			1	T		1		1			Ĩ	T	Τ	1	Γ		Ï	I	J		Ī	Ì	Ì		1	I	1	B	efe	ren	ce		بر میلان ا	-
				<u> </u>							1	1							<u> </u>		<b>—</b>				1	1-				-	f		otes					
_					ļ		ļ	1												[					[	<u> </u>					[	Γ	]	[		Γ	Γ	Ţ
			<b> </b>	M		=		ļ	20	<u>ф</u> З	1.	$\infty$	<u>k</u>	ĥ.		1	1	85	1.	40	₽_	Ľ	-			_												
+	_									-	-			μ_						<u> </u>			-		┣—									<b> </b>	L		ļ	4
		ľ					-		30	12	┢	7	5		t	<u> </u>				┢			-									┢	╞			┢		-
t		·	İ	†					Ľ	12	•		ŕ	$\vdash$	-	┦	┢					-	-	<u> </u>	-		-	·- •-					-		$\vdash$		-	+
T									<u> </u>																<u> </u>	<u> </u>										╞──	┢	-
						h	<u>.</u>	I						<b>k</b> /-																								1
4						<u>-</u> `	2.	╢	<u> </u>	<u>\$9</u>	5		 	ß	-1	<b> </b>	_		-						ļ						L.							]
+								╞╘		┢╾			-		-1			ŀ	$\vdash$	$\vdash$	┝	—						·			 						<u> </u>	_
1		-	<u> </u>	+				<u> </u>		┝	+			$\vdash$	-	$\left  \right $	+-	╞		1								$\left  - \right $				┣		├		<b> </b>		╉
								-									<u> </u>	1	t						⊢	-										┢──	┢	╉
Ţ			[								Γ									<u> </u>																		1
-			┞						Ļ	<u> </u>							<b> </b>	<b> </b>		<b> </b>	<b> </b>				ļ												L	1
+				-			-	├										╂				$\vdash$	Ļ	<u> </u>	<u> </u>				-			<b> </b>	ļ			<u> </u>	<b> </b>	+
╉	•			-	<b> </b>	-			-	+-					-			╂─	-		├	ŀ			<u> </u>	-							;					+
Ť			Ľ					[		Í.	1					Í	1	$\vdash$	$\vdash$	ſ	ŕ				-			$\square$				┢─		H	H	†-	$\vdash$	t
Ţ		_																		Ľ																		ţ
1			_							Į							ļ			<u> </u>																		I
+	-			-						<u> </u>	 					<b> </b>	┟		.			_		~ -		L					 						<u> </u>	ļ
╀			-	$\vdash$												-						_														–	-	
t						-		<u> </u>		-			—											_								┢─						+
Ţ													•••												-													t
			ļ																	<b>_</b>																		Ī
+	-			-			-				<u> </u>			<b>_</b>		<u> </u>				ļ			_											$\square$			L	-
+	÷	•	 					-	<u> </u>	!														_	—											-	-	+
1										[ 	┢								╂─	-						$\vdash$						┝─						
																	1							-	İ—											$\vdash$	┢	┤
1			<u> </u>						ļ																_													İ
	_			[						 										1												<b>[</b>	Ļ		Ľ	$\bot$	Ļ	ļ
╉								ļ												⊢					<u> </u>	ļ							$\vdash$				<u> </u>	┦
1			t –							<u>}</u>		$\vdash$				<b> </b>					$\square$				⊢	-						┣	$\vdash$	$\square$	$\vdash$	$\vdash$		+
1											Ĺ															-					$\vdash$			Π		┢	<u>†</u>	┨
$\downarrow$								ļ		Ľ								[		<u> </u>									_									t
-	.		<u> </u>							 							ļ	<b> </b>		<b> </b>	L					L.											L	
╉		<u> </u>		$\square$																			_									<b> </b>	<b> </b>		ļ	<b> </b>		_
+			-	$\square$				<u></u>			<u> </u>			$\square$		⊢			<u> </u>						<u> </u>									-		╂	-	
ľ								_			<u> </u>														ļ							┢─	-			┢	1-	
	[		ļ							Ĺ						<u> </u>		· ·																		<u>†</u>		1
-		 	<u> </u>							 	<u> </u>						. 							ļ. ]													Γ	
	_	<u> </u>								! 					<u> </u>	[	-			1.				<b> </b>	<u> </u>		<u> </u>			L	ļ		<u> </u>	<b> </b>	ļ	╞	<u> </u>	_
+		_	 						<b> </b>	! 					L	-				-	$\vdash$	-	-		<u> </u>						<b> </b>	1			 	╞		
Ť										¦							-	-		-						<u> </u>							┢	╞	$\vdash$	╀	┢	-
													Pr	epa	are	d t	y									C	nec	kar	1 1			•			i i i i i i i i i i i i i i i i i i i	<u> </u>	<u>-</u>	-
	·····		·														<u> </u>									1	iec.	ver	ם ג	Ź.								_

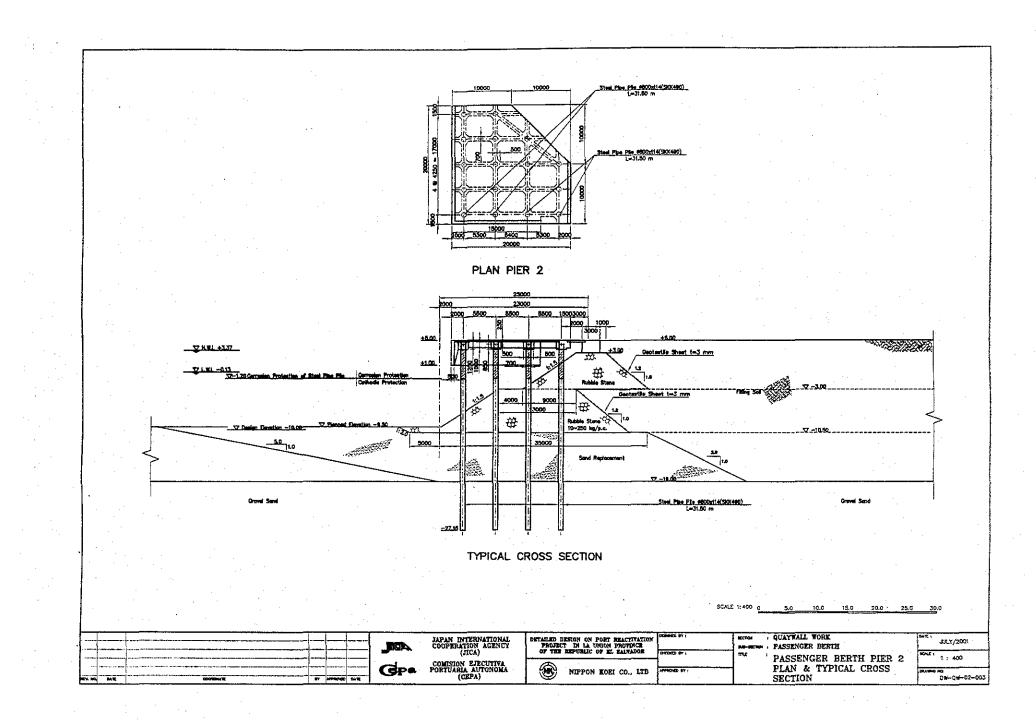
NIPPON KOEI CO., LTD.

-

**QUANTITY CALCULATION COVER SHEET Detailed Design on Port Reactivation Project** Project JC1N004/2N001 Project Code in La Union Province Work Section Title PLATFORM 2 Pay Item No. (BOQ) 2D-P20201 m³ **Quantity Item** CONCRETE FOR COPING Unit Calculation Procedure Applied Convete was computed for coping. Volume was computed using geometric formulas, multiplying the area by the thickness of the coping. References, Calculation Base and Revisions Reference : Tender Drawings : DW-QVV-02-003 Passingir Brith Pier 2 Plon & Typical Cross Section Prepared No. of Checked Reviewed Superseded Rev Date by Pages by Date bγ Date by Calc No. Nr. Indo hosta Gorúa Hr. Journa 0 1 2 3

FN : Calculation_Cover_Sheet_020504_seg cover

<u>300</u>



platform 2.

pla	attorm 2.
T.	
	D25 kg m 15,270 kg m kg m kg m kg m kg m kg m kg m kg
$  \downarrow  $	D19 26,771 kg
	D16 3,385 kg
A	D13 3,903 kg
	TOTAL 49,329 kg
	PLATE(SS400)
	71.3kgx17pieces=1,212.1 kg
	RIBBAND(SS400)outside 2.36kg/mx2.53mx34pieces=203.0 kg
	RIBBAND(SS400)inner side 2.36kg/mx2.36mx34pieces=189.4 kg
	TOTAL 392.4 kg
	CONCRETE VOLUME 304.954 m3
	FORM 846.130 m2
	T D 13 1,575 0.995 68 1.567 107 -
e Li	
	D13 107 kg
	TOTAL 107 kg
	PLATE(SS400)
	32.9kgx17pieces=559 kg

•

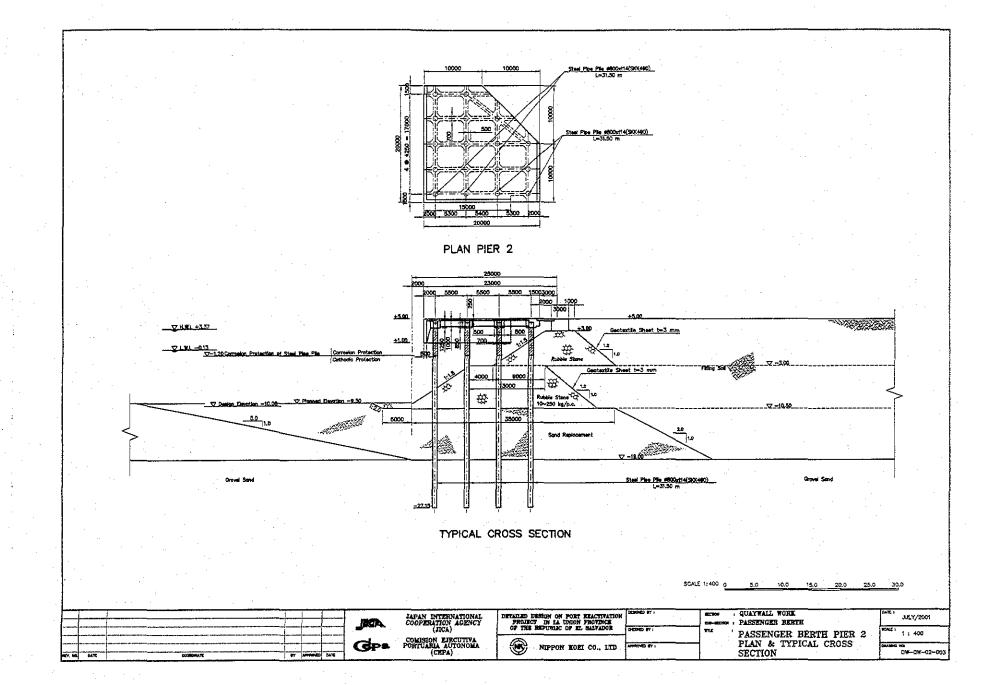
#### INIPPON KOEI CO., LTD.

		уjе			D	eta	ile	d [	Des	siç	gn	on	Pc	rt I	<b>?</b> 0/	act	iva	tior	۱P	roje	ect	in I	.a	Un	ion				Ca	alc.	Fi	le I	No.						
		cti					<u>ι,  </u>								2														C	alc.	In	de)	κN	0,					-
Sı	ul	bje	ec	t		Ç	ол	JÇ	: 01	E	7 E	-		Ŧ				<u>.</u> .c	)P	۱N	G								•	_		-				R	ev.		
-		-	-		-		-	-	Ţ.							<b> </b>			<u> </u>	-	ļ			<u> </u>			ļ						R	əfe	ren	ice	s/		
1		$\vdash$	╞	÷.	1,	†	+	╞	+	$\neg$		-	-		$\vdash$		┼╌		3				┝	┉	-	ŀ		$\vdash$				-	140		s I	T	İ.	T	T
1				$\Gamma$	Ý	==			E	3≹	Ċ	4		9	5		1	h	Ĺ													1						-	┢
		_	-			+	<b> </b>	-	1				ĺ			ļ	ļ						.				<u> </u>						Ľ	ļ					Į
+				+	+	-	ł٢	┝	┿	┿							1	-					-		<u> </u>	-			-			┣		<u> </u>	-			ļ	╞
1			1-	+	侼	₹	╁		उंद	0	5			η	<u>,</u>	ľ	┢			-						┢	<u> </u>			1		-	┢						$\frac{1}{1}$
										_						L										Ĺ			L			Γ	L					-	t
					+	-			_			ļ							-	<u> </u>	ļ	L		<u> </u>		<u> </u>						ļ							Ţ
-				┼─	┢	+	+	┝								-										┢		[	-		<u> </u>		┠	<u> </u>				$\vdash$	ł
			ſ			t	<u> </u>	┢	-	-	-							$\vdash$		1-				1-	<u>†                                    </u>	†			<u> </u>		<u> </u>		<b> </b>	$\vdash$			┝─		╀
							ļ																<u> </u>			<b>_</b>						ļ	E		[· · ·				1
1			_	-		-	┢	+								ļ		-	$\vdash$	<u> </u>			_			┣	<u> </u>	_	<u> </u>	ļ	<u> </u>	-		ļ	L	ļ.,		$\vdash$	ļ
+		-	<u> </u>	$\left  \right $	+	┢	+		+			L						┢	╞		$\vdash$	$\vdash$		F.	-	┼			┢					-			┢─┤	⊢	$\frac{1}{1}$
İ								t		1																t		F	[	t		<u> </u>	┢	$\square$	<u> </u>	<u> </u>		$\vdash$	ł
_		ļ		-	-	1	ļ	-	_	_[	_							.  .		ļ						ļ	_				[	-							Ţ
+				-	-	-		╀	+	+	_						<u> </u>						<u> </u>		┣	<u> </u>	-		ŀ	-			┞		$\vdash$	└──	$\vdash$	4	ł
-+				Γ	┢	1.		┢	╋	+				• ••												-	-				-		┝╌			-		-	╀
Ţ			[	Γ				ľ	1					•				L.	Ľ	ļ						[			••••										t
+				-		<u> </u>		-	-	-								ļ	<b> </b>				<b>_</b>				<b></b>									[			ļ
╉		-		┼─	┝		+	┢	+	+									-			<u> </u>			<u> </u>								-						ł
						1	ł	İ	$\uparrow$	-†	-							┢╴	<b> </b> -																				ł
									1	1		_																											İ
-			-			-		-	+	+								ļ													<u> </u>		ļ						+
+		-	1			-	1-	+-	╈	-														<u> </u>	 			ļ		-			┣─	╞					╀
						1-		Ĺ	T																					-			┢─			ŀ			t
-						<u> </u>		1		_	_						<u> </u>								[														I
				$\left  - \right $						-					_		<u> </u>								<u> </u>	-		_				┝	┞		<u> </u>	<u> </u>	Ļ		ł
			İ	†-	†-	1		t	-															-									┢┈	┨	┝		╂-──	╞	+
1				Γ	[				1	1							-									1							İ.	Ľ					t
+	-			.				-	+	+		_					Ļ.	L	 				ļ	<b> </b>		_						ļ						<u> </u>	Į
_ <u> </u> 				+	-		┢	╀	╀	+	-				-	L														·	-	$\vdash$	╞	-	-	<u> </u> .		–	$\frac{1}{1}$
			[	<u> </u>	Ē	1	ŀ		1																-	t	$\vdash$		<b> </b>		1		1	-		ŀ	<u> </u>	<u> </u>	$\frac{1}{1}$
						<u> </u>	ļ	1		$\downarrow$																		[									$\Box$	Γ	1
	-		-	-				┝										-								-		ļ			<u> </u>		┞		-	_	┣	₋	+
		ŀ	1	<u>†</u>	<u>†</u>	$\uparrow$		ϯ		-						-		-	-					<b> </b>	<u> </u>	┝	<u> </u>					1	┢		-	┟╌	┼─		$\frac{1}{1}$
Ī	_			Г	[					1						<u> </u>										1			<u> </u>				Ĺ				t		1
		<u> </u>	-	+	-	-		+		4							ļ						<b> </b>			ļ					1					<u> </u>	<b>_</b>	F	1
		$\left  \right $	$\left  \right $	$\left  \right $	-	$\vdash$	+	┝		-										┝						┼—											╞	╞	┦
		Ĺ	Ĺ	T		t		-	T	_								$\vdash$			-					t	+					†	╢─	+	$\left  - \right $	+	┝	$\vdash$	╡
		<u> </u>		1				F	T	1						_										Ĺ	<u> </u>		<u> </u>			1			1				İ
1		<u> </u>	1	1	ļ	1	1		1		-			-		1		!		1	1	1		1	1			1	1	1	1	1		1			]	<u> </u>	ļ
						<del>.</del> -								P٢	epa	are	dt	y		,							<u> </u> Cł	nec	ke	d b	у						-		
																				ŀ		1		/2	00								1		1		/2	00	

NIPPON KOEI CO., LTD.

**QUANTITY CALCULATION COVER SHEET** Detailed Design on Port Reactivation Project Project Project Code JC1N004/2N001 in La Union Province Work Section Title Pay Item No. (BOQ) 20-P20202 PLATFORH 2 m2 Quantity Item #OR OPING Unit TOP H Calculation Procedure Applied Form orea was computed for Plothim 2. Form was computed in all sides of platform. References, Calculation Base and Revisions References Tender Drawings: DW-QW-02-003 Possinger Buth Pier 2 Plan & Typical Cross Section Prepared No. of Checked Reviewed Superseded Rev by Date Pages Date by by Date by Calc No. Hr. Juma hola Garaía d 0 Mr. Ando. • 1 2 3

FN : Calculation_Cover_Sheet_020504_seg cover



## INIPPON KOEI CO., LTD.

M	r0	Je	ct							ign					icti	vat	ioi	PI	oje	ot	in l	al	Jni	on				Cá	ilc.	Fil	el	10.					
S	ec	ti	or	1		P	LX	17	<i>‡</i> *6	0R	M		2			-				-			- 					C٤	alc.	Inc	dex	( N	2.				
S	ut	)je	c	t						4					όF	1.1	J	à										Pa	ige	No	).				Re	٧.	
									1					-				ļ		ļ	.											Re	ofer	end	ces	1	
	_	ļ					+	+		+	-	<u> </u>		-				-							-							NC	tes		T	-r	
							1	1	┢	1		1			2			<b> </b>																•		-+	·
				Ŀ		=		Ø	17	¢.	1	3		m				[ <u>.</u> .						L.					_								
			$\left  - \right $		-								<u> </u>							<u> </u>													-		_		
-		-			<u> </u>	$\square$	<u> </u>	┼╼	╈	+	┝─		<u> </u>	2	h		$\vdash$	-			<u> </u>		_											_			_
				1	2			9	2	50			m																								
					ĺ		-		╞	+		<u> </u>	1		1					<u> </u>												_				_	_
•						-			┢		-	╞	<u> </u>							┣						-									-	_	
					<b> </b>		<b> </b>	İ	†	1			İ																							+	
					[.																															1	
-							┣			+-	-		 							<u> </u>	<u> </u>							ļ							-		
		<u> </u>				┼─	├	╎	╞	+	-		<u> </u>	<b> </b> -		<u> </u>		-			-		_	-											$\dashv$		
								Ľ		T																											
		_			1		ļ	ļ	-		_									<u> </u>																	
-			$\left  \cdot \right $			-	+-			+		-						1	<u> </u>							<u> </u>			h	-						+	
			İ		[	1	ĺ	[ -	†	ſ.			, 	[i						[														- 1	-(	{	
_																																					
-							-	-	┢	+				<b> </b>																						_	
					┢	┼	╂	+	+	+	$\vdash$						-					-						_	}				⊦			-+	
									L																				[						• •••		
		<u> </u>			<u> </u>	-	<b> </b>				<u> </u>			<u> </u>				<u> </u>			ļ					ļ											
							├		╞	╞	-	<u> </u>		ŀ						<u> </u>	┝	-										$\vdash$	╞╌┤				••
									†-	-		1	<u> </u>																<b> </b>	┟──┤	i				$\neg$	-+	
_[		Ŀ			-				L																												
					-		<u> </u>	-		-	-			-				$\vdash$		-			~			<u> </u>					┞	<b>I</b>				_	
						[	<u> </u>	┼┈	$\vdash$	+	-		İ-	1				┢											{		1	<u> </u>				-+	
		<u> </u>			<u> </u>																																
		<u> </u>			-		<b> </b>	<u> </u>		+				_	<u> </u>												<u> </u>				<b> </b>						_
				-			┢╸	}	┢	+			-										-					<u>}</u>	┝	┨		-					
																							_										$\square$				
_		ļ			ļ		·	<b> </b>	_	╞										ļ.,				ļ,													
-		ļ				<u> </u>	╂	+	+-	┢	-				-		$\vdash$				<u> </u>								-	<u> </u>							
_1				•		-	t		-																			<u> </u>	╞	-	╞	╞				{	•
		$\square$			1	1	[		L	1	[															ļ		Ľ	[								_
			$\square$			$\vdash$	+	⊢-	╞		-					_					<u> </u>	·				<u> </u>	ļ	-	<b> </b>	1.		<b> </b>			Ц		
		$\vdash$		L		$\vdash$	┢	ŀ	╀	1-	-	1	1		-		-			-			L				-		$\vdash$	┢		-			$\vdash$		
			1	•		Ĺ	1_		T	É		-																		<u> </u>	[-	1	ţ	$\vdash$			
		<u> </u>	<u> </u>		ļ	. 	Ļ_	1	-	Į	ŀ_	<b> </b>		1				L	⁻	ļ							<u> </u>		ļ				Ē		Ĺ		
	•	 					–		╞╌	+-	┣	<u> </u>	.												╞			$\vdash$		╂	+	┠─	<u> </u>	1			
							÷	<u>.</u>					Pr	epi	are	dt	v									<b>C</b> 1	iec	ko	h d h	w.	-		<u>.</u>	1			
		<del>-</del> .		_		T		_	<u>.</u>		•••	• •	t-				-		r		1		/2			۲Ľ		n.c	u L	<u>y</u>		<del></del>		7		/20	

FN: Calculation_Sheet

306

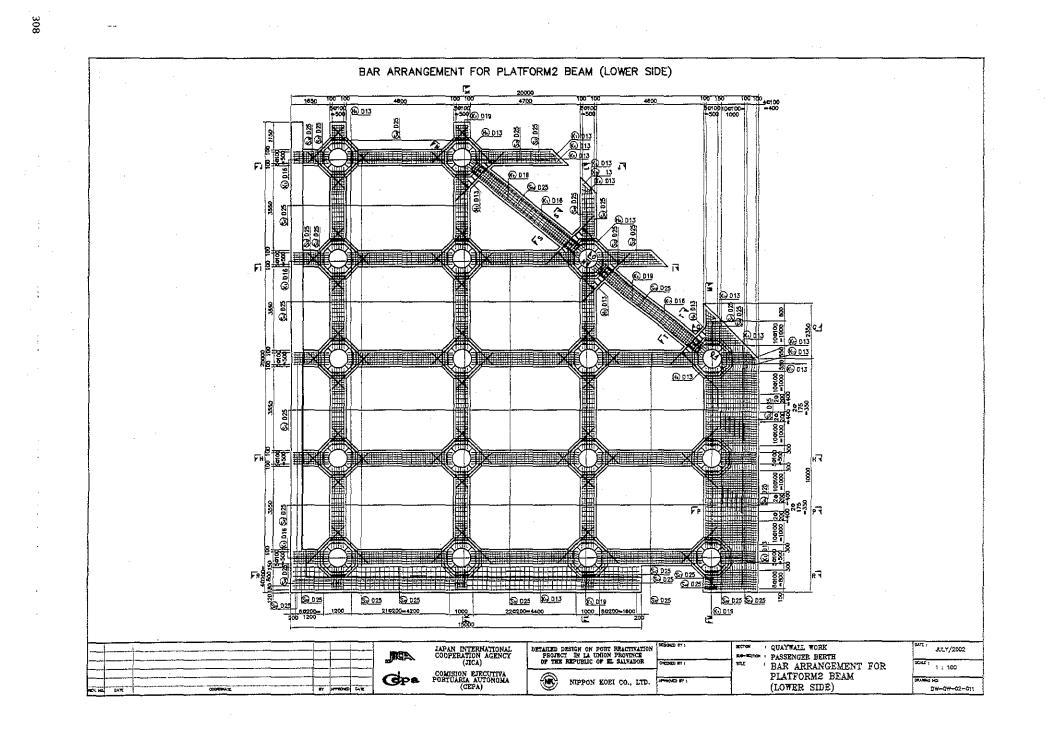
ł

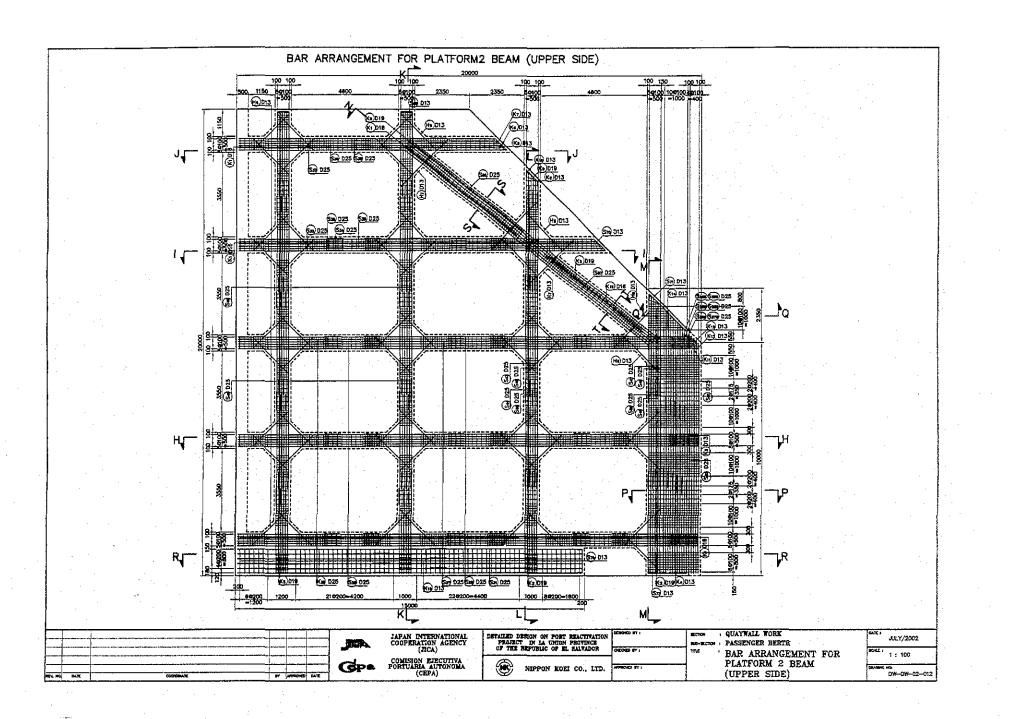
NIPPON KOEI CO., LTD.

and the second second

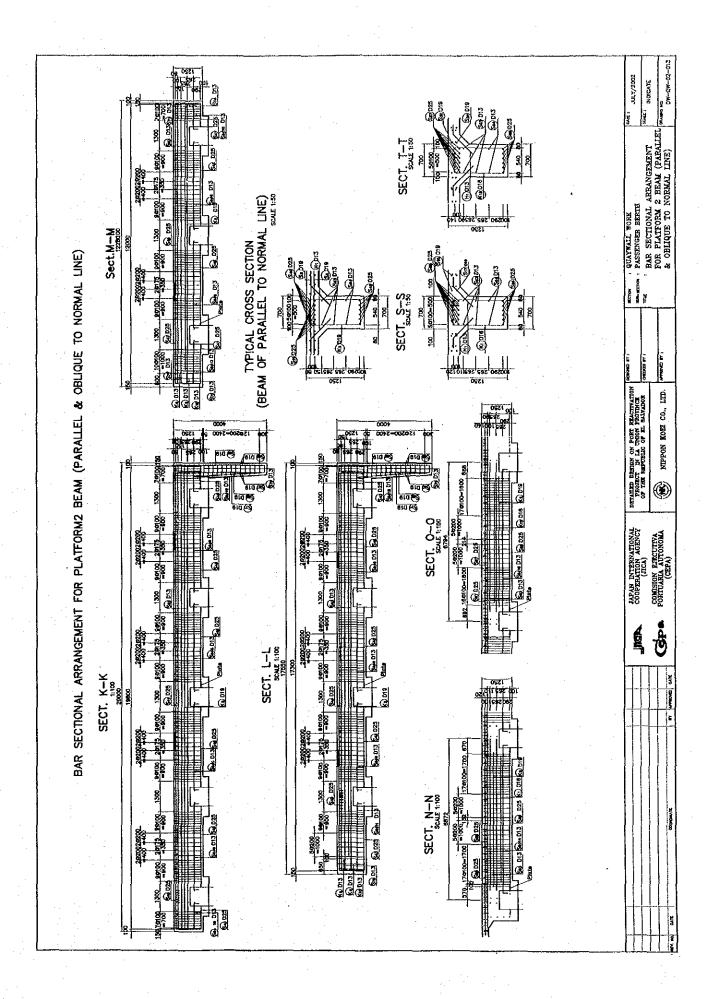
QUANTITY CALCULATION COVER SHEET **Detailed Design on Port Reactivation Project** JC1N004/2N001 Project Project Code in La Union Province 20 - P20203 Work Section Title Pay Item No. (BOQ) PLATFORM 2 Quantity Item 2EINFORCEMENT FOR COPING Unit ton Calculation Procedure Applied Reinforcement was computed for coping. It was computed summorizing all bor lenghts for each type of diameter. These lenghts were multiplied by the weight to obtain unit weight, then it was multiplied by the lotal quantity. References, Calculation Base and Revisions Retarnaes: Tender Drawings: · From DW-QW-02-011 Bon Arrongement for Motherm 2 Bron (Lower Side) To ow-an-02-019 Bor Arrongement for Plotform 2 Pile Head. From DW - QW - 02 - 021 Bar Bunding Schedule for Plothim No1 (Delillet) And DW - QW-02-024 To Prepared No. of Checked Reviewed Superseded Rev by Date Pages Date by Date by by Calc No. huila Gonra Mr. Ando Mr. Joma 0 1 2 3

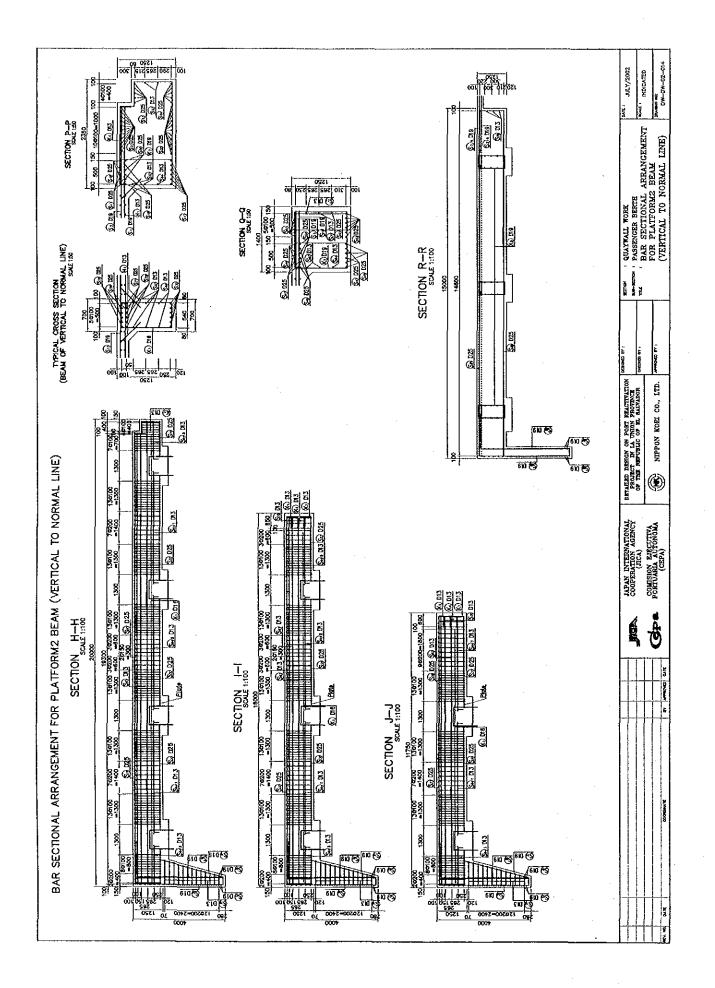
FN : Calculation_Cover_Sheet_020504_seg cover

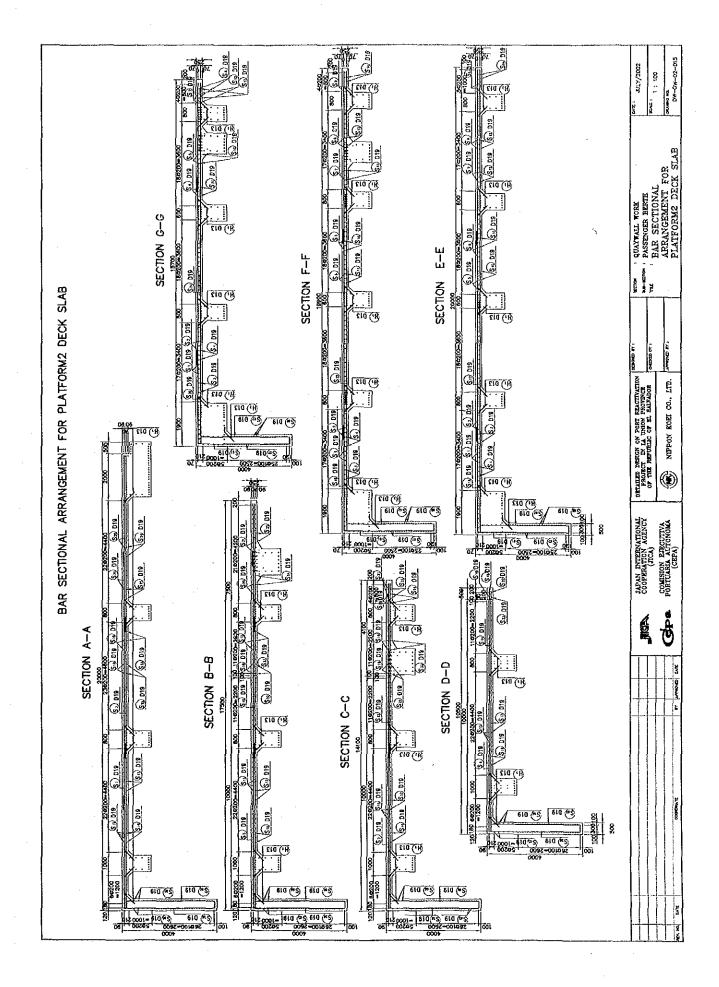


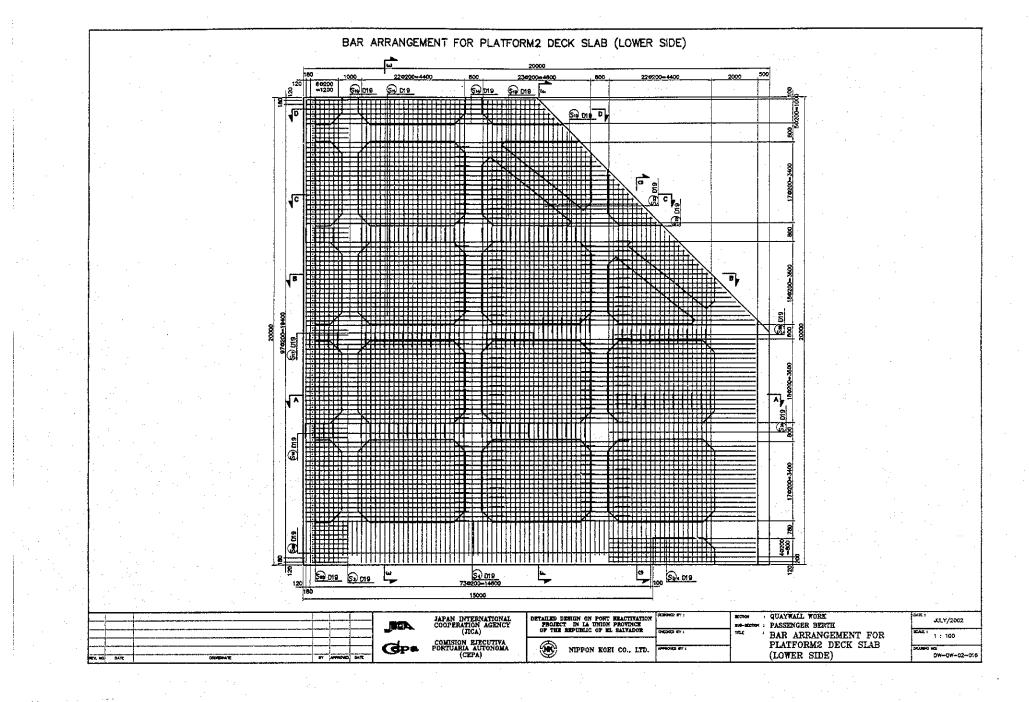


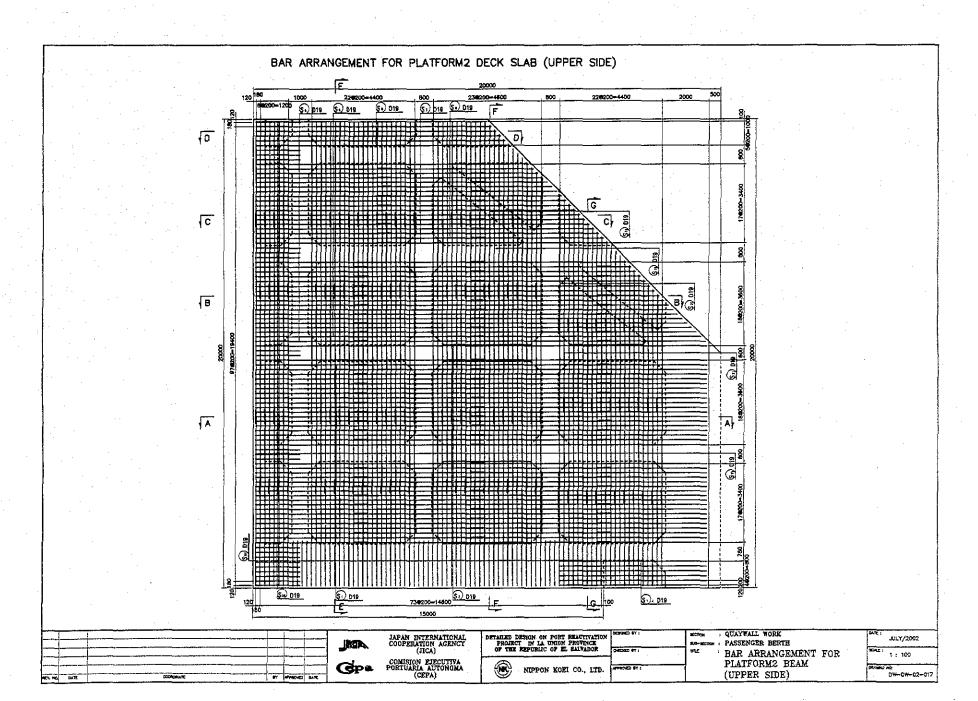
. . .

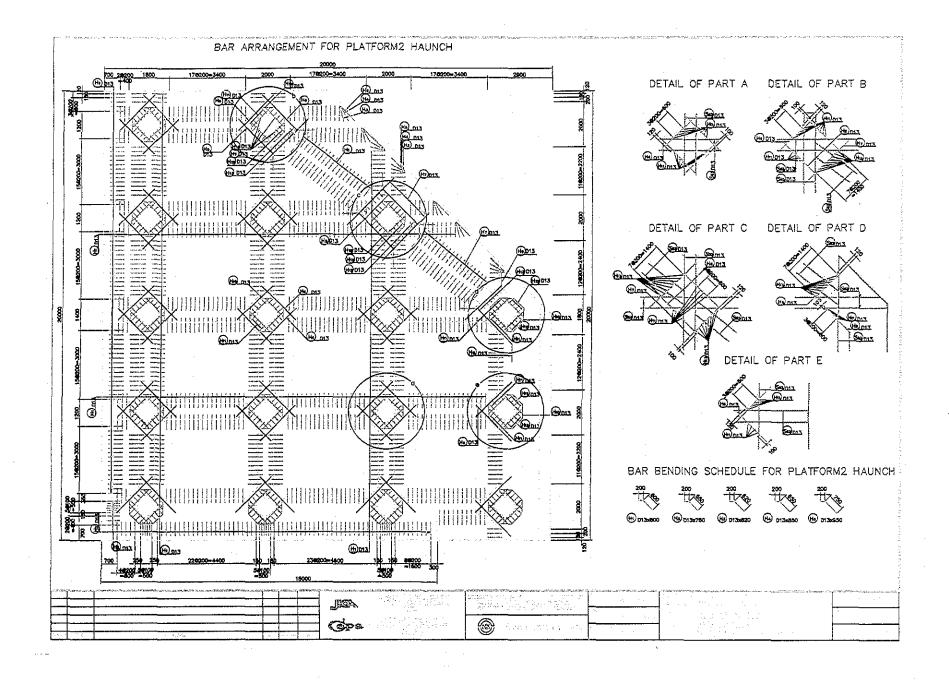


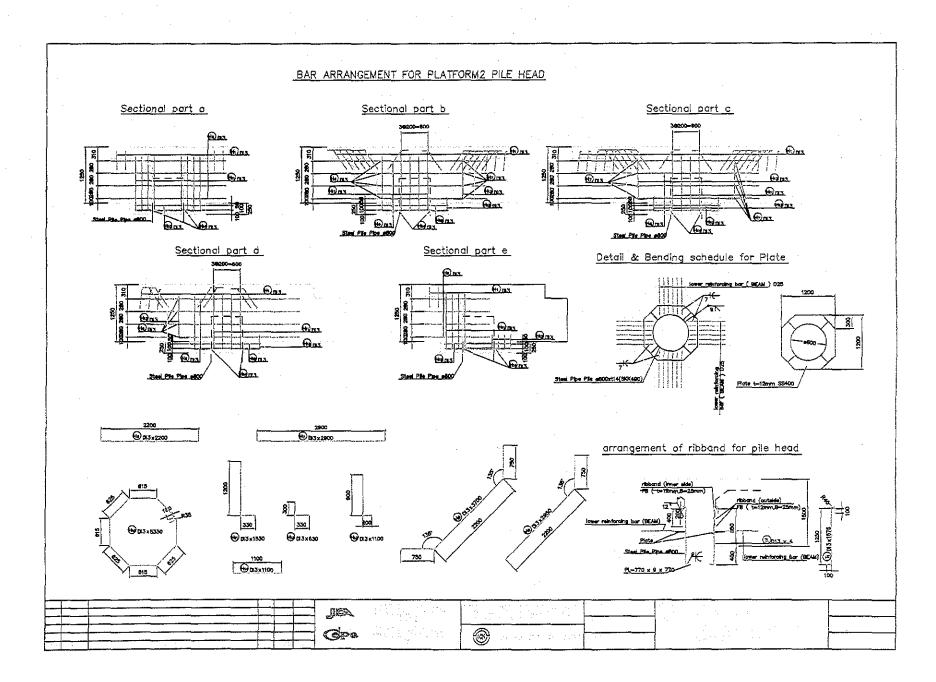






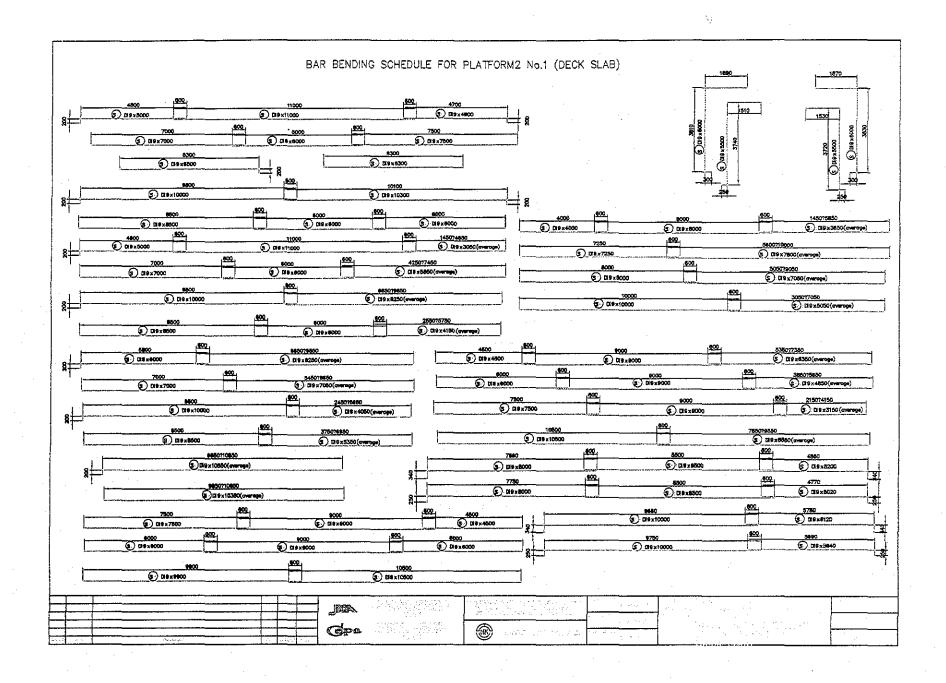


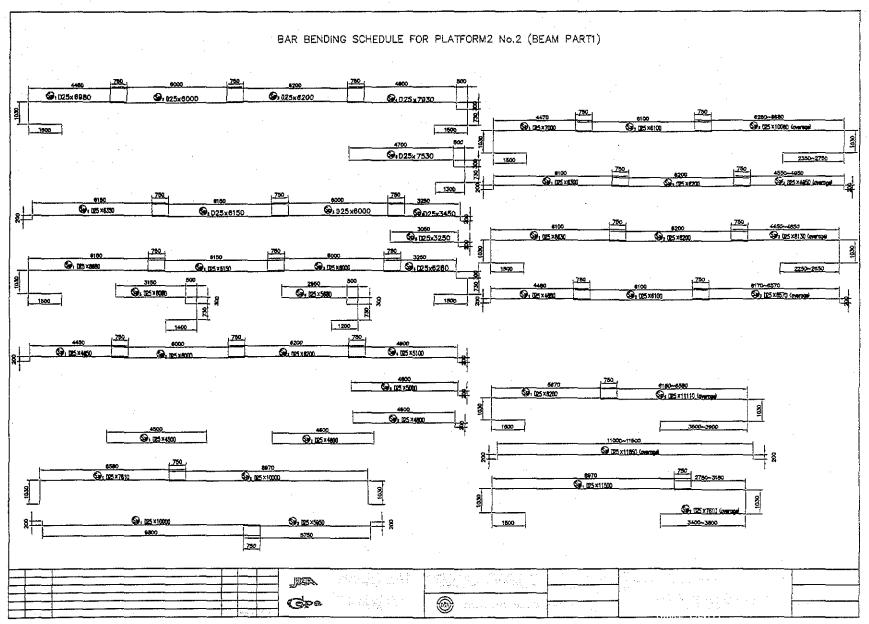




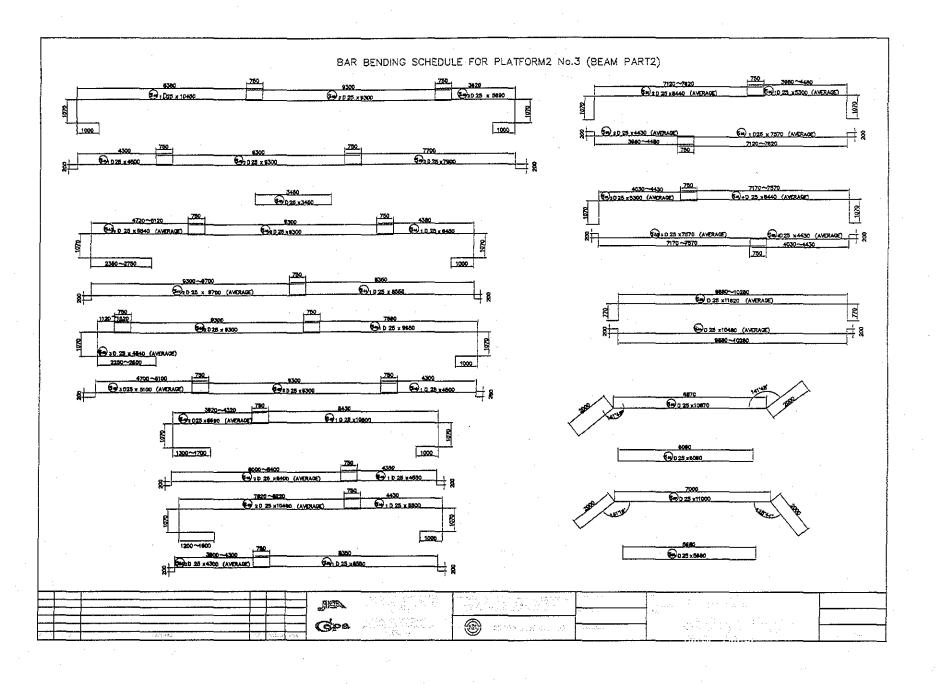
1	ſ	
plat	form	2

0       D19       26,771 kg         0       D16       3,385 kg         A       D13       3,903 kg         L       TOTAL       49,329 kg         PLATE(SS400)       71.3kgx17pieces=1,212.1 kg         RIBBAND(SS400)outside       2.36kg/mx2.53mx34pieces=203.0 kg         RIBBAND(SS400)inner side       2.36kg/mx2.36mx34pieces=189.4 kg         TOTAL       392.4 kg         OCONCRETE VOLUME       304.954 m3         FORM       846.130 m2         D13       1.07 kg         D13       107 kg		D25 15,270 kg	
T       D16       3,385 kg         A       D13       3,903 kg         L       TOTAL       49,329 kg         PLATE(SS400)       71.3kgx17pieces=1,212.1 kg         RIBBAND(SS400)outside       2.36kg/mx2.53mx34pieces=203.0 kg         RIBBAND(SS400)inner side       2.36kg/mx2.36mx34pieces=203.0 kg         TOTAL       392.4 kg         TOTAL       392.4 kg         CONCRETE VOLUME       304.954 m3         FORM       846.130 m2         D13       1,575       0.995         D13       107 kg			
Image: Logic Line Line Line Line Line Line Line Line		D16 3,385 kg	
PLATE(SS400)         71.3kgx17pieces=1,212.1 kg         RIBBAND(SS400)outside       2.36kg/mx2.53mx34pieces=203.0 kg         RIBBAND(SS400)inner side       2.36kg/mx2.36mx34pieces=189.4 kg         TOTAL       392.4 kg         CONCRETE VOLUME       304.954 m3         FORM       846.130 m2         D13       1,575       0.995         D13       107 kg	A		
71.3kgx17pieces=1,212.1 kg         RIBBAND(SS400)outside       2.36kg/mx2.53mx34pieces=203.0 kg         RIBBAND(SS400)inner side       2.36kg/mx2.36mx34pieces=189.4 kg         TOTAL       392.4 kg         CONCRETE VOLUME         FORM         846.130       m2         D13         D13         D13		TOTAL 49,329 kg	
71.3kgx17pieces=1,212.1 kg         RIBBAND(SS400)outside       2.36kg/mx2.53mx34pieces=203.0 kg         RIBBAND(SS400)inner side       2.36kg/mx2.36mx34pieces=189.4 kg         TOTAL       392.4 kg         CONCRETE VOLUME       304.954 m3         FORM       846.130 m2         D 13       1,575       0.995         D13       107 kg		PLATE(SS400)	
RIBBAND(SS400)outside       2.36kg/mx2.53mx34pieces=203.0 kg         RIBBAND(SS400)inner side       2.36kg/mx2.36mx34pieces=189.4 kg         TOTAL       392.4 kg         CONCRETE VOLUME         FORM         846.130       m2         D13         107 kg			·
RIBBAND(\$\$400)inner side       2.36kg/mx2.36mx34pieces=189.4 kg         TOTAL       392.4 kg         CONCRETE VOLUME       304.954 m3         FORM       846.130 m2         ①       D 13       1,575       0.995       68       1.567       107          D13       107 kg       D13       107 kg       D13       D13       D13       D13			
TOTAL       392.4 kg         CONCRETE VOLUME       304.954 m3         FORM       846.130 m2         (1)       D 13       1,575       0.995       68       1.567       107          D13       107 kg       107 kg			
CONCRETE VOLUME       304.954 m3         FORM       846.130 m2         ①       D 13       1,575       0.995       68       1.567       107          D 13       1,575       0.995       68       1.567       107          D 13       107 kg       kg			
FORM       846.130       m2         ①       D 13       1,575       0.995       68       1.567       107          D13       D13       107 kg       kg		IUIAL 392.4 kg	
FORM       846.130       m2         ①       D 13       1,575       0.995       68       1.567       107          D13       D13       107 kg       kg			
(1) D 13 1,575 0.995 68 1.567 107 D 13 107 kg		CONCRETE VOLUME 304.954 m3	
D13 107 kg		FORM 846.130 m2	
D13 107 kg			
D13 107 kg		$\bigcirc  D 13 1 575 0 995 68 1567 107 - 1$	
		D13 107 kg	
		TOTAL 107 kg	
PLATE(SS400)		P(A F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(SS4(O)) = A(F(SS4(O))) = A(F(SS4(O))) = A(F(SS4(O))) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) = A(SS4(O)) =	

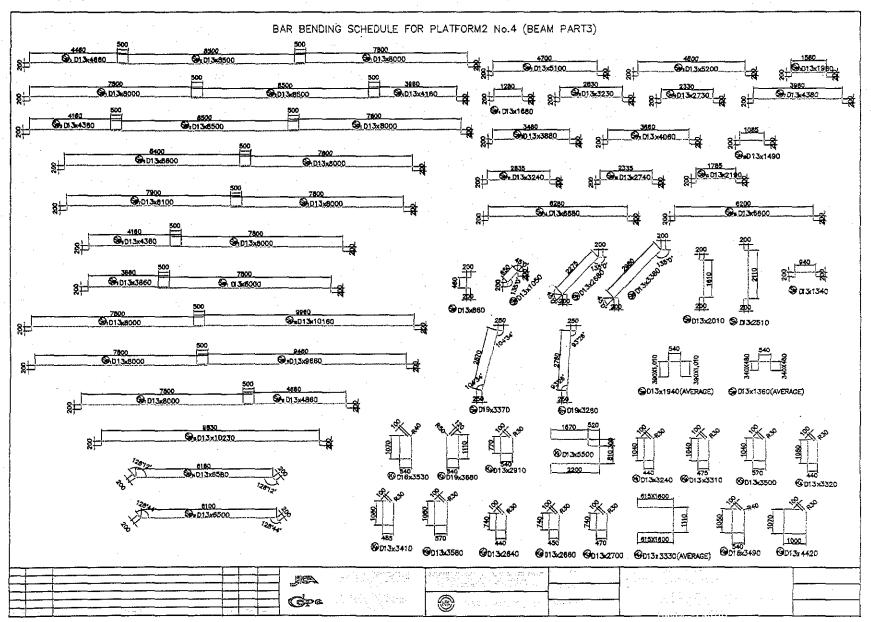




.



.



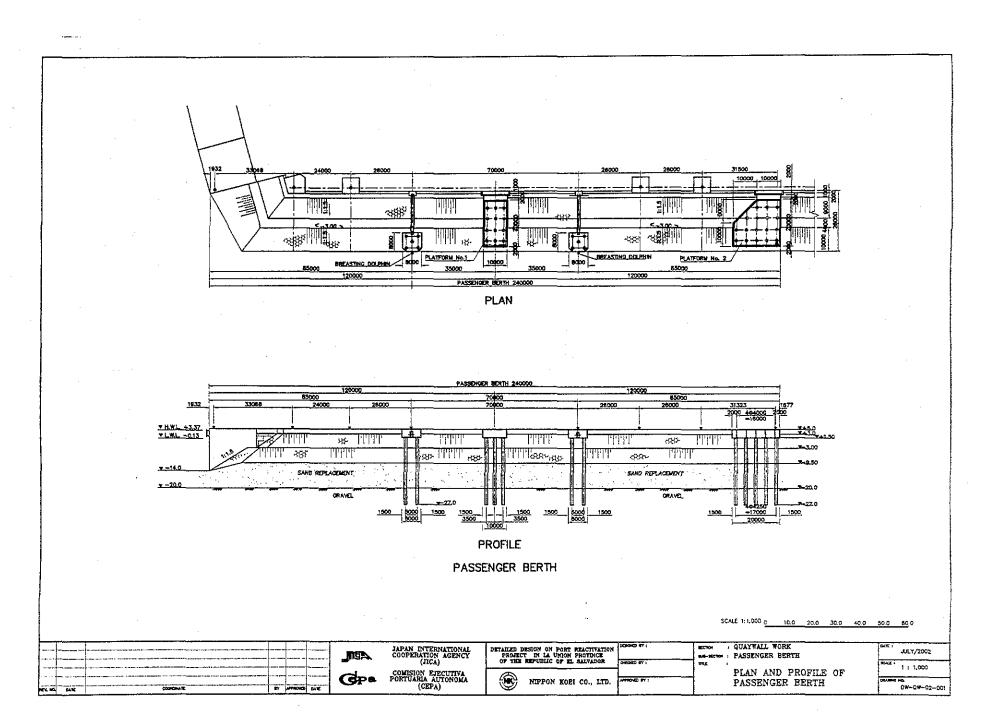
1	_	_							 										[										L.,		Ĺ		}				
+	4		_				ļ							L						L			ļ	L	ļ		<u> </u>	Ļ.			ļ	ļ	<u> </u>	Ļ.,	. <del> </del>	L	
1																														1		L	l				
$\uparrow$	-†	1									$\vdash$			┣			-	-	-		h		-	┢	⊢		-		┣	-	1-	┟─	¦		<u> </u>		
╉	+	+	-				<u> </u>	┞				-	$\vdash$														╞					╂	 		_	  .	
1	_								L.	$\vdash$													ļ	ļ						Ļ			<u> </u>				
1	Ť			_																			-								<u> </u>	1	Í		1	<u> </u>	
$^{+}$	+			_			$\vdash$	$\vdash$															-	$\vdash$								┢─				  .	
╉	┥	+					┝╌┥			$\vdash$	$\left  - \right $			[!]	-	-	$\vdash$										$\vdash$					┞─	!		' 	<u> </u>	
╉	╉	-+	┥	-		L		$\vdash$		┝		L		<b> </b> _				┠				<b> </b>		-		ļ						┞─	 		<u> </u>		'
-	$\downarrow$						<u> </u>							L				<u> </u>	Ļ				Ļ	ļ	ļ				-					<b> </b> _		<u> -</u> _	
	-	_[																																			
T																							L														
1	╡	╡	-+					$\vdash$		<b> </b>				<u> </u>		-		<b> </b>							<b>  </b>		$\left  - \right $			$\vdash$			1		$\square$		
╈	┥	-														-									-												
┿	-								<u> </u>			L		L		ſ.,			L			-			ļ		Ц.,		Ĺ.,			-			_		
1	_		И	Ŀ	7	Ï		4	19	,	į.	2	9		Ľ.	9.		Ш		Z	19	•	40	P	to	2						_					
																			Г						7		7										
┢	-	-				_				-		-			-												-	-						j			_
+-	-+	-	괵	1:	2	E		3		90	3		K.e.		4	ř.	_	4	<i>, (</i>	0		6	<u>^</u>		-					_				-		_	
ſ	1	1																				1															
Ţ				<u>- </u>				F	<u>/</u> -	Ē			[•+					<u> </u>	Ļ.	÷				1	<b>†</b>									1			
+-	-	-	Ы	Ī¢	_	=		-		8	7		19		0			3	   <b>\</b>	41		+	õη		$\vdash$		—					-				-	
1	+	_	_				L	 	Ľ				Ľ	ļ	 			 				L.,												ļ			_
		1	2	19	<b>)</b>	===		2	6.	7	71		E,		<	Ł		2	6.	8	0		61	5										Ì	†	-	
╋	-{		-									_		Ļ		-																	_			$\neg$	
+	_{	_	D	2	5	==	L	1:	Ĕ,	2	<u>? 7</u>	þ,	Ľ	<b>þ</b>		4	р. Г.	12	<u>.</u>	3	0		ŀo	ի											_		
T																							1	·								i					
≁	-{	{	-										[																{			No			JG3	1	
		<u>je</u>				25	$\frac{n}{2}$	ŦO	ec	E)	10/	U7 1		7	00			0		16	1		I	1				Pa	ge	NC		Re			Re		
		tic je								M														<b></b>						-		N	<u>;</u>			-	

FN: Calculation_Sheet

.

QUANTITY CALCULATION COVER SHEET **Detailed Design on Port Reactivation Project** Project Project Code JC1N004/2N001 in La Union Province Work Section Title PLATFOR M 2 Pay Item No. (BOQ) 20-P20204 Quantity Item COENER PROTECTION Unit m Calculation Procedure Applied Corner protection lenght was computed for plotform 1. Lenght was computed around 2 sides of platform 2. References, Calculation Base and Revisions References Drawings; Tender Drawings: DW-QW-02-OCJ Plan and Protile Possinger Berkh Prepared No. of Checked Reviewed Superseded Rev Date Date by Pages by by Date by Calc No. Hr. Inuma hala Gorúa Mr. Ando 0 1 2 3

FN : Calculation_Cover_Sheet_020504_scg cover



			ct		100										icti	va	lon	P	oje	ect	In I	a	Uni	on								No.		<u> </u>				
			or		<b> </b>	P	ιA	T4	-0	P	M	!	2								·							Ca	alc.	In	de)	<u>k N</u>	о.					
S	ul	oje	ec	t	L	cc	<u>e</u>	N	E	2	Ŧ	212	20	τe	50	71	01	J									·	Pé	ıge	N	э.					эv.		1
																											[					Re	əfei	ren				-
		L	<b> </b>			<b> </b> .		<u> </u>	<u> </u>	<b> </b>	<b> </b>	<u> </u>			ļ	ļ											ļ		ļ			No	otes	<del>\$</del>	<del></del>	<b></b>	<b>T</b>	
								┢								┝		_													⊢	<b> </b>	┞	<u> </u>	_	-		-
		<u></u> †−−−	t	<u> </u>	11		-	2	þ,	0	5	1	┨──	+	┝─	$ _T$	<b>b</b> .	50	<u>}</u>	m			<u> </u>		39	<u> </u>	50		h	1	╞─	╞	┣—	-	┢			-
															<u> </u>	Ĺ																			1-		<u>†</u>	İ
_		ļ		<b> </b>	ļ			L	ļ	ļſ	2					ÍI-	[		[		_												L		ļ		Ľ	]
_						<u> </u>	<u> </u> _	Þ	<u>}</u>		1	ð		<u> </u>	n		<u> </u>	[					-					<u> </u>	ļ		ļ	<b> </b>			<u> </u>			4
		┢─	<u> </u>	<u> </u>	<u> </u>		┢	┝		<u> </u>	-	==				<b>F</b> -			┣~─									<del>.</del>			╞	┢─						+
	_					<u> </u>																														<u> </u>	<u>†</u>	1
_	• ·	_	L	_		ļ										L		ļ												ļ						<u> </u>	$\Box$	_
_	<u> </u>				╞										<u> </u>			<u> </u>	├													┣─	┢	<u> </u>	+			-
-			$\vdash$	+	$\left  \right $	<u> </u>		├		$\vdash$						-										-										-	┢	+
		<u> </u>				<u> </u>			<u> </u>						<b> </b>			<u> </u>	<u> </u>														L					j
_		_	<u> </u>		╞				<u> </u>	Ļ_						-	<u> </u>	ļ	ļ															ļ			F	]
	<b>_</b>		<u> </u>	╞	╞	$\vdash$	-		<u> </u>										├										-	-	-		-				╞	-
		1_		1		t	[	<u> </u>				-	['					<u> </u>	<u> </u>							<u> </u>						┢		┢			$\vdash$	-
				Ĺ	[	<u> </u>	$\square$	$\square$		[						[	Ĺ.		[																	[	<u>[</u> .	1
_					<b> </b>				┟											L.						-		Ļ								$\vdash$	⊢	_
	-		$\vdash$	$\vdash$	-				╞						_				*****													┝						-
	_																										$\vdash$			- ·			-					
					ļ				<b> </b>	<b> </b>																											$\Box$	
				<u> </u>			┣-	<b> </b>	ļ							ļ									-			<u> </u>					<u> </u>					
							h																												-		╞	ł
_					L																									İ							Ľ	1
_			-	╞				-		_								⊢-															ļ		•	_	Ļ	4
				$\vdash$	<b>†</b>		╞	$\left  \right $	+			┣																				┝		-			-	+
								<u> </u>											[											ļ			<u> </u>			┢	$\vdash$	t
		 	<u> </u>			<u> </u>	<b> _</b>	ļ	ļ	ļ								<u> </u>	L																			]
_				┝	┣	┼──	-		┢						<u> </u>			<b> </b>	┝											-			-		$\vdash$	$\vdash$	⊢	┦
		F	t	1	t_			1		+																	-	-				<b> </b>	<del> </del> —	┝─┤	-	$\vdash$		+
																			[																	<u> </u>		1
		-	$\vdash$	-				-	+-	-	-						<u> </u>	-					ļ			_							$\vdash$			<b> </b>		-
		-	1-		1	-		1-		+								$\vdash$												-	$\vdash$	-	┝┤			<b> </b> ∼⊣	⊢	
_		1	Γ				Ĺ		Ì						İ															•								t
		-	-			<u> </u>	ļ	<b> </b>			<b> </b>	<u> </u>			<u> </u>	ļ																						-
		<u> </u>	+		$\left  \right $			-	+		-					<u> </u>		<b> </b>					-														⊢	4
						1	l_	<u>t</u>		1		┢─		$\vdash$				-								-					-	┢─		<u>├</u>	┝		+	$\frac{1}{2}$
_		[		ſ		ľ			1	Γ									[																			1
_		$\vdash$	-	-	$\vdash$	–			₋				<u> </u>					┣-															ļ				L	ļ
	~~~		-	+		-	$\vdash$	$\vdash$	+	-		<u> </u>					-									-							$\vdash$	$\vdash$		$\vdash$	┝	-
												1																										l
													Pr	ера	are	db	y									Cł	180	ke	d b	y								
						1													<u> </u>		1	_	/20			<u> </u>			_	<u> </u>		r		1		/2		

FN: Calculation_Sheet

325

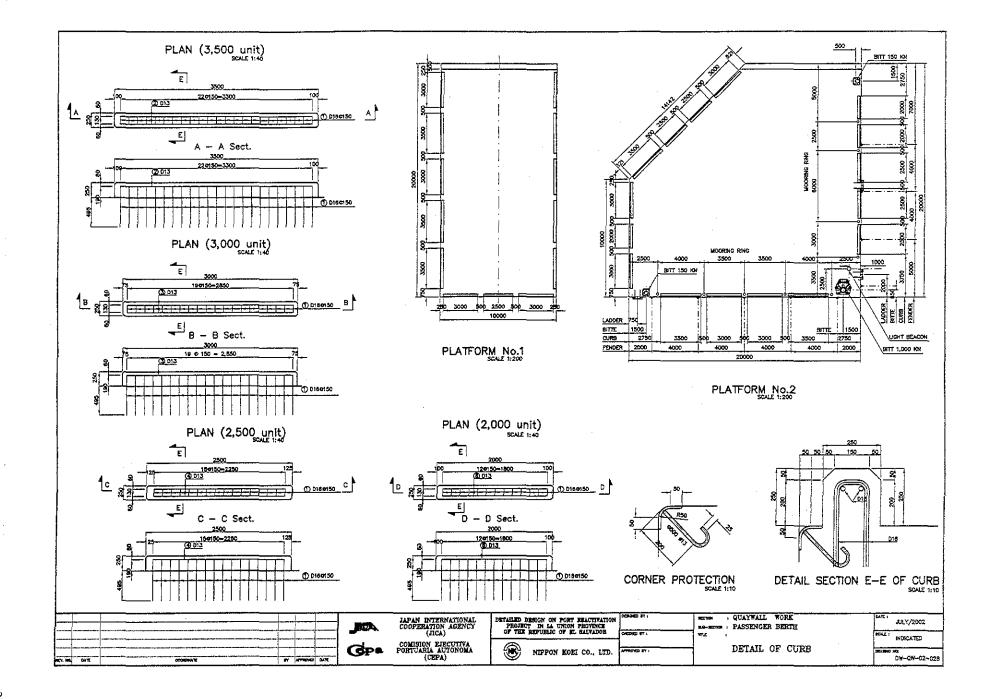
.

	QUANTITY C	ALCULATION	COVER SHE	ET	andra andrā Albilinga jā karā sama karā pārajā paramama
Project	Detailed Design on Po in La Unio		ect Project Code	JC1	N004/2N001
Work Section Title	PLATFORM 2		Pay Item No. (E	100) 2D.	- P20205
Quantity Item	CONCRETE FOR	CURB.	Unit		
Calculation Procedu					
Convete fr volume was section ora lenghts	or curb was wor is computed for a was multiplied	puted for each type d by the	platform 2, of wib. Th different types	Concrete e cross o f	
References, Calculat	tion Base and Revision	15			
Refeance	:= : Tinder Drow	sings =			
۵. ۱	w - QW - 02 -	028 Debi	l of curb		
				•	
				•	
Prepare	ed No. of	Checked	Rev	iewed	Superseded
Rev by 0	Date Pages	by C	Date by	Date	by Calc No.
O Korla Gonía	¥ <u> </u>	Mr. Truma	Hr. Ando		ļ
1					· · · · · · · · · · · · · · · · · · ·
2				ļ	
3 1			· 1	1	1

FN : Calculation_Cover_Sheet_020504_seg

cover

326



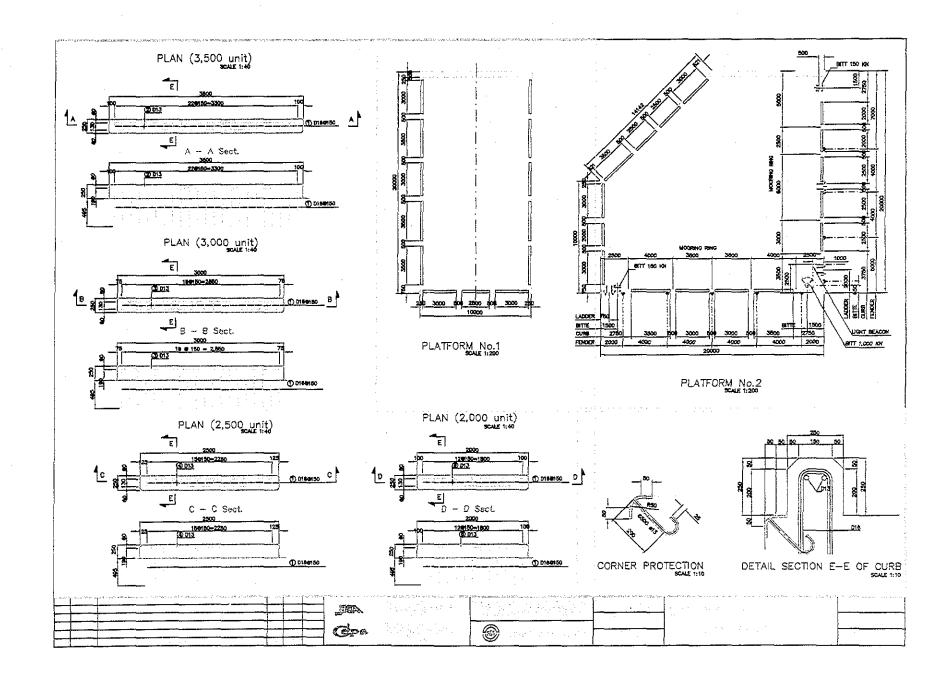
.

Proje			De	ətai	ilec	<u>I D</u>	esi	gn	on	Po	rt F	le a	icti	vat	ion	P	oje	ot	n l	a	Uni	on				Ca	aic.	Fil	le i	١o.		L				
Section	on			Pl	1	τŧ	0 A	г1		2																Ca	alc.	In	dex	< N	ο.					
Subje	C	t					61				DR.	·	w	RI	3											Pe	ige	N	э.				Re	ev.		
					Γ				Γ	T				ľ]				J		Ŭ		[ce			-
11	Ξ		β.	50	1	<u>k</u>	L		$\psi_{\bar{c}}$	-	F	3					ļ												[N	ote	5				·
╶╿╶╎─╢	1			<u> </u>	<u> </u>		57						0.0	-c	L,	1/2	0	m	-7	<u>}</u>			ļ		<u> </u>	<u> </u>			┢	┨			<u> </u>			╞
/-/	1 1	=	(0.	<u>45</u>	m	μL	0. 1	4.>	f.	1~	- 2		[<u>]</u>	F		03		-4	2	-					<u> </u>					<u> </u>	<u> </u>				╀
		=		5.	0	6	C	2	<u></u>		<u> </u>					Ĵ					-			\vdash		┝──	-		┢	[†					╁
					Į	Ì	1				_					<u> </u>		L	3	<u> </u>																ſ
- -¥	4	=	_	<u>(</u>	<u>\$.</u> 0	6	m	5	4	3.	50	r		=	0	2	<u> </u>	m		<u> </u>			L									<u> </u>				Ļ
+++						<u>}_</u>	m	3	$\frac{1}{7}$	1 2	<u> </u>		-	1-3	r	Ļ	<u></u> }			┣					 '			-		┣				 		╞
╌┟╌╌╢	1.	2		Ę.	P. 2	1	[]	┢╯	46	₽,/		-	<u>.</u>	و م	-	μ			-		[┝─	\vdash			⊢				╞╴	<u> </u>	ŀ
					1		1	Γ.	1	—											<u> </u>		t –						-	1	╞			[t
	_				\Box					ļ		_																					[Ĺ
	- 1	F	3	. C	1_'	m	 	┝	┢	N.	p	-	5	<u> </u>	ŀ		 -	}	<u> </u>	<u> </u>		-	ļ						┝	┞			┣—			Ł
╶┼╍╂╾┥	\forall	-	 	\vdash	0	00	m	2	$\frac{1}{7}$	3.	0	 m	5	-	┢		þ,	18		m	3				-	⊢						-		-		╀
						L	1	1	15	1	[E	1	-	1		Ľ					É	[-	<u> </u>	t	[t	[-	ł
	V.	F	Ξ		6	þ,	18	}	m	3) (5	5		=	0.	9	Ø		<u>n</u>	3-						ļ		E		[<u> </u>	1			Ţ
							┢		<u> </u>		ļ									_				_		┣-							{			ŀ
╺╋╼┼╌┧	_							-			-				╞	-				├				<u> </u>			} -			-		├-				ł
	L	ii.		2	1.5	0	7	h	1_	1	N	ა	*		5	Ĺ								[Ĺ			[[Ĺ		5	t
		-			Į.	Ĺ		ļ	ļ.,	-,-				-				ļ		3	5				\square				Γ.		E					ļ
		~	-			1.0	6	m	-	(P.	50	<u>~</u>)	=	0	.]	5	<u></u>	<u>ի</u>				<u> </u>	-	 						-				ŀ
	$\overline{\mathbf{v}}$		_		r.	5.	15	l m	3	h	15	5		 	0	7	5	$\left \right\rangle$	n	₿	-					┝		-	-	┠			┢	<u> </u>		+
	Y	5							1-	ľ						f./	–	ŕ	<u> </u>	-						-				[t
					-	[E.		_	[-															Ľ.										I
	U		-	<u> </u>	2	0	<u> </u>	h	-	'	Ω_{ϵ}			3							-		-	┣						┨			 			Ļ
╌┟╴┟╌┽	7	T		7	0	0	61	n ^c		1 :	2. 0	27	h		 		6	-12	2	m	3									┢─	{—	ł	╞			ł
					†	Γ			1	1	1					[<u> </u>		3	í						-									t
		$\int dx$.	=		[[.	0.	12	1^	<u>ه</u>	\square	(<u>zj</u>		E	<u> </u>	-3	6	m							<u> </u>				\Box		_				Ľ
						È			ļ			_			┣	ļ	-			<u> </u>	<u> </u>					╞		ļ	-		┡		Į	.		╀
				-			-	-	╞							┝					i		-	┣—					-		-	-				┢
						L												<u> </u>		·								-		<u> </u>						ľ
	N									ļ			3	ļ	<u> </u>]						3		_	[-		Ľ-				_	Į
		V	T	1	ŧ		2	ŀ	þ	RT.		n			<u> </u>		\vdash	-	2.	ŀΖ	0		m			⊢									-	ĺ
			\vdash	<u> </u>			-		╞	-				-	┣		H.	L		┝──┤		┝╼┤			 		╞									╞
					Ľ				<u> </u>	Ĺ																										t
	-1						ļ	ļ	Ļ	ļ		-						ļ									<u> </u>		ļ]			ſ
							\vdash		┞										<u> </u>		-	\square		<u> </u>						 				<u></u>		ł
+							ŀ	}	╂			$\left - \right $			}	<u> </u>	\vdash			<u> </u>	<u> -</u> -	$\left - \right $	-		╞		<u>} </u>			┢				-		$\frac{1}{1}$
					-					-					[-			ļ				†	\vdash					-
													_			<u> </u>										-			[Ţ
				Ľ.	╞					<u> </u>	 				<u> </u>									ļ						[<u> </u>	<u> </u>		<u> </u>		1
┼╌┝╌┨	-			<u> </u>		-			┨	 			-		}						L								┣	 	\vdash		┢		L	ł
				-	[<u> </u>	<u> </u>	1	t					-								H			 			╞─	! ~	╞		┢──			╞
								,	17		Pr	epa	are	d b	y									Cł	nec	kor	d b	v		<u> </u>				<u> </u>	<u> </u>	É
			-	—							\vdash	<u> </u>	. <u> </u>						1		/2		-	<u> </u>	.00			۲		Γ-		1		/2		

FN: Calculation_Sheet

	QUANTITY C	ALCULAT	ION CO	VER SHE	ET	
Project	Detailed Design on Po in La Unio		Project P	roject Code	JC1	N004/2N001
Work Section Title	PLATFORM 2		P	ay Item No. (B	1 00) 20-	P20206
Quantity Item	FORM FOR WE	2 B	ປ	nit		
Calculation Procedu				÷		_
torm for was compu in all sic	wrd was comp Ital Bir each Ics of wrbs.	whed for hype of	Platfor curb.	m 2. # The form	6rm °ore was app	a licd
				• • •		
					· ·	
^r Keh D	w-aw-01-	Drawings 018 Del	rail of	curb		
	,					
Rev Prepare		Chec			ewed	Superseded
by a	Date Pages	by	Date	by N. I.	Date	by Calc No.
O Kaila Garia	·	Hı, Tnuma		Hr. Indo		<u> </u>
2		 				
3						
	i				·	1

FN : Calculation_Cover_Sheet_020504_seg cover



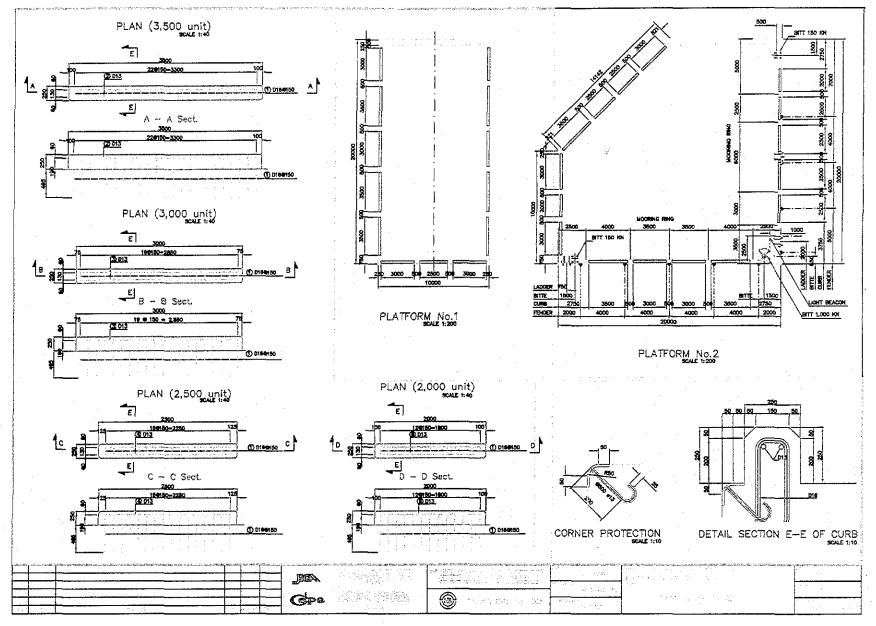
2	ro	je	ct		De	etai	lec	D	esi	gn	on	Po	rt F	lea	acti	vat	ion	P	oje	ct	n l	a I	Jni	on				Ċa	alc,	Fil	e l	١o.					
		;ti							DR		2																		alc.								
31	ut	эjе	ec	t		Ŧ	0	21	1	~	FO	e		a	12	ΞE	3							•••••				Pε	ige	N	э.				Re	θV.	
T		Ĺ	_				-		İ.	 																						Re			Ce		
			Ξ	-	3.	5	Þ	<i>P</i>				N,	>	11	2	<u>}</u>						_			_								F				
		7	Ł		Ē	(o.	25	r)	17	Σ	+	6	. 0	1	~	D	2		(3	. Sc	~)	+	7	5.0	6	Х	2									—
+			-	-10					7				8			1.0	1	· .	m	2													-				
		7	r	-		17	2	0	2 (h2	1	B)	-		6.	0	6	0	2																		
	<u> </u>	_									[–						_		-	_																_
			F			3.	00		~		-	7	56		16	5																	-	<u> </u>			
		/	A	=	1	(0.	20	m)(?) 1	- (0.	071	š)(2)		3.	0	r)		- (0.	06	~	X	2)					Ľ.					
				=	È	J		75			 						ř					 												_	-		
			X	<u>r</u> -	-		ZI	. 7	5	\sim	5) (5)		8	17	5	ŝ	2																	
							Ĕ				·	ĺ								·												-	\vdash				-
		-	Ľ	=	-	2.	50	þ 	m			/	Ja	>	-	5																_					
		1	-	H	(0	20	m	17	2)	+(þ.	07	æ	I(2)		(*	. 5	or	\mathcal{D}		÷	(5.0	6	r)	(4	<u>,</u>							- 		
				=	<u>_</u>]	. 4	7	<u></u>	2		~			1.	4	8	1	2			-											_					
-		A	T	ų		A	. 4	ε	m	J	Ć	5)	2		7.	4	0	~	2		-																
-			 	-										-		_					_						. .	~~~~									
			Ľ	Ξ			<u> </u>	1		n	-			<i>t</i> ₀		3		-									 				_		\vdash		· .		
			<u>k</u>	2								14	. 0	71	~)	(;)	J-(2	0		1	70	, o	ÿ	0.0	2)					\square				
				=	J		20	4	m	2.	_	0		1.	21		2			_	-																
		1	7	=		(1	m	[)	C	Σ		2	6	Э	~	2				_						_				_					
								-																·													
				 -		1	 							-			_			ų																	
						 				7	.=		2	24	> . 		4		Ń																		
			$\left \right $				-				-	<u>-</u>		2	5.		0		p	2												-					
ĺ		-						ŀ	\vdash		\vdash		1_								_					\square											
		<u> </u>						-												-									<u> </u>								
			F	 	-			1	1		-	Ē				-											 						 		 		
-		<u> </u>	<u> </u>	 	 	<u> </u>	 -	Ļ	<u> </u> -					_														 									
1		↓	!	J	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L	<u> </u>	L	Pr	epa	are	d b	y	L				i				Ch	lec	ker	d by	li V	L	l	-		L	k	
						Γ							-								1		/20	00		آ				<u> </u>		r		1		/20)0

	QUANTITY C	ALCULATION C	OVER SHEET	
Project		ort Reactivation Project on Province	Project Code	JC1N004/2N001
Work Section Title	PLATFORM 2	3	Pay Item No. (BOQ)	2D-P20207
Quantity Item	BEINFORCEMENT	FOR WRB	Unit	Kg
<u>Calculation Procedu</u> Reinbrumer computed h all bor le multiplied		for Plathorm 2 fourb. It was type of diame	. Reinforcement computed summ fer. Then , thuy	was onizing wire
Reference D	W-QW-02-	wings: 028 Debil o	t Chip	
Rev by	d No. of Date Pages	Checked by Date	Reviewed	Supersedec
	Date Fayes	Mr. Journa	Hr. Ando	ate by Calc No.
O having Garda -			10: 4100	
2		· · · · · · · · · · · · · · · · · · ·	···	
<u> </u>		l		
3	· · · ·			

FN : Calculation_Cover_Sheet_020504_seg cover

.

*-



.

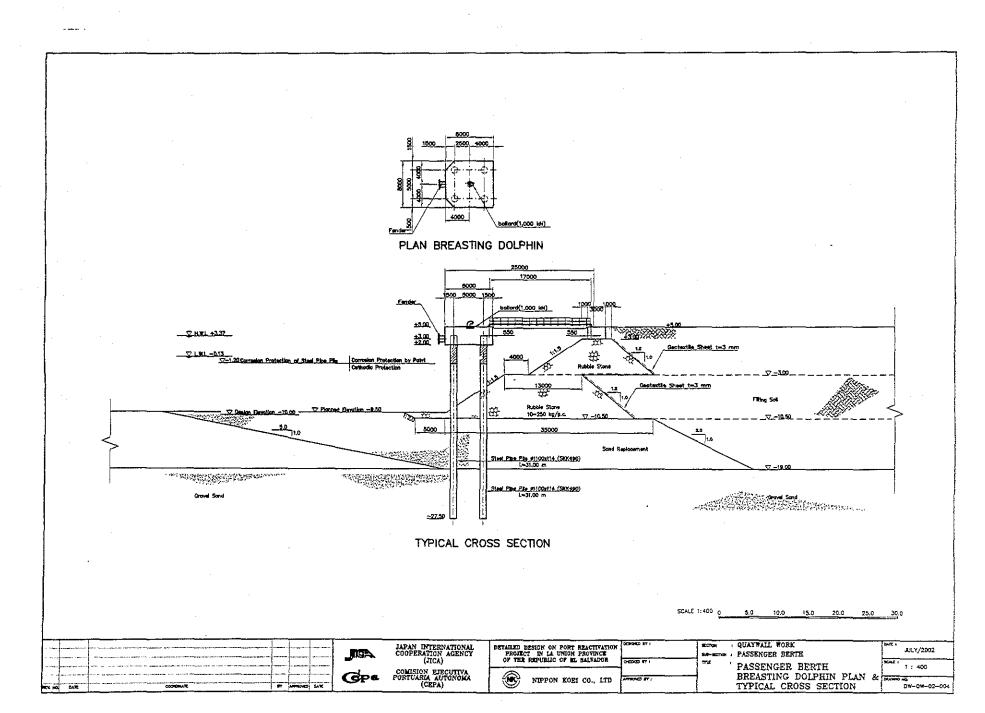
Project		n Port Reactivation Proj Inion Province	ect Project Code	JC1N004/2N001
Work Section Title	BREASTING		Pay Item No. (BOQ)	2D - BD0101
Quantity item	STEEL PIP		Unit	Nos
Calculation Procedu	re Applied	<u>9079-11-11-11-11-11-11-11-11-11-11-11-11-11</u>	······································	
lenght i both 13	was multiplie reasting Dolph	d by the tota	for each type I number of pil unit and total pht Tables.	
			Beith Broshin al Cross Section	y Dolphin Plon
References, Calculat b∿∪			Berth Brostin al Cours Section) Dolphin Plan
			Beith Brostin al Cross Section	y Dolphin Plon
			Berth Breastin al Cross Section	j Dolphi'n Plan
			Beith Brostin al Cross Section	y Dalphin Plon
			Berth Brostin al Cross Section	y Dolphin Plan
			Berth Brostin al Cross Section	y Dolphin Plon
			Beith Brostin	y Dolphin Plon
			Berth Brostin	y Dolphin Plon
			Berth Brostin al Cross Section	y Dolphin Plan
₽ ₩	- QVI - 02	- 004 Passunger & Typics		
.). N N N N N N N N N N N N N N N N N N	– QVVI – OZ d No. of	- 004 Passunger & Typics	Reviewe	d Superseded
bwi ▲ Rev Prepare by	- QVI - 02	- 004 Passunger & Typics S Checked by D	Reviewed ate by	
DW Rev Prepare by O hole Garia	– QVVI – OZ d No. of	- 004 Passunger & Typics	Reviewe	d Superseded
bwi ▲ Rev Prepare by	– QVVI – OZ d No. of	- 004 Passunger & Typics S Checked by D	Reviewed ate by	d Superseded

FN : Calculation_Cover_Sheet_020504_seg cover

Pro	je	ct		De	etai	ilec	1 D	esl	gn	on	Ро	rt F	lea	icti	vai	ion	PI	oje	ct	ու	a١	Jni	on				Ca	llc.	Fil	le l	١o.					
Sec		-	-		ρι	<u>A7</u>	Ŧ	01	21	1	2											-	~~~~	-			Са	ılc.	In	de)	(N	D,		-		۔
Sut	oje). 25	t	-							٧T		\$	0	e	ω	P	ß				_					Pa	ige	No	<u>э.</u>				Re	٧.	
						-	.	-																							Re No		rene S	ces	1	ندي.
		7		-	3	1. 6	ΰe	2	n				N	ο	=		3					_														1
	01		×	0	1	-	7	 	50				1	- -		17	-	25		11	5.	3.	A 2	- l	-	2		12	90	-						_
+	01	<i>р</i>	ř.	2	Ë-	-	H	~ .	25		<u>þ/</u> ·	<u>n</u> /	Ľ	30	<u>p "</u>	Д	2	P.,		-		-	22	£	9		-1	<u>12.</u>	10	ŕ	+	9				-†
	13		<u>k</u>	2		E	$\left \right\rangle$	p. c	193	- 6	2	γ	\mathcal{I}	3	3с	m	X	2	L	I	6	. 5	7	Ľ	, 7		6,	G	þ		Ł					
			Γ			1	<u> </u>		_		ľ.			Γ	-		Ĺ		51		50	7		ta							-1					_
		LV.	Υ_	=		<u>f</u> ¢	0.	50	<u>p</u>	9)	(3		=	·		14	21	•••	- 4	·		g						•					-	-
		ļ,.											Ċ,		<u> </u>																					_
			-	<u>†</u>	13	<u>, c</u>	20		m				<u>, v</u>	P	=		5						_			-				-	-				-	-
	0	16	>	2	0	=		1.	56	Ľ	1	5)	7	1. 3	0	m	λ	20	5)	=		10		30		à										
																		L.	1							\mathcal{F}				F	-				.	
	V	13	X		2	Ē	+(0,	195	-4	Ľ	24	4-	2,	8-	H	P	(4	14		-5	6	<u>/</u>	Ľ				70	-	6	ļ			-	
	l	N	1		7.	5	Þ	sc		í,		~;	5		=			26	2.	5	0		La			-					É	<u> </u>	H		-†	
			-		17	ļ				1			_)			_										
+ -																		-												<u> </u>		ļ 	Ļ			
+		比	=		12	╞	50	5	n			-	t	0	=		5															i i	Η			
	<u> </u>				ļ					4	7	-					_					_		+7							L	i			-	
$\left \right $	D	16	Ż	ķ i	6	-=	14	1.	sç	Ľ,	<u>/</u> ~	Д	1.	50	<u>~</u>	Ľ,	16)	u I	ت 	Z	4	4	kj	~	ř.	37	<u> </u>	5 C		(7				
╎┤	D	13	x		2	<u> </u>	7	0.	9	15	Ę,	m	1	4		5	m	12	5	<u>م</u>	4	.4	8	5		÷	4.	5	F		tc	[
		,	Ė	_	Ľ	Ţ					T	<u> </u>	[<u> </u>	,			È						1								1	İ	1	•	
\square		V	=	 	4	4	2	.0	D -	5		-(5	μ.	=		4	210	2		Kg	<u> </u>									<u> </u>		<u> </u>		
+				-	┣-	┢		-	-	_															┢──			┝	-	+		<u> </u>	\vdash	-	÷	
	4										_													_				[Ī	İ	l 		
	1		È		2.	00	<u>p</u>	1	n 			\boldsymbol{b}	0	t		3								L.				L	_	1_		1	-			
╉┥	Ð	14	•	X	1.	5	=	7	1	56	ł	1	5	7	1. :	0	m	57	$\left(\right)$	3			20	0	2	Ľ		<u>↓</u>	30	.	5	<u>Ь</u>	k	<u>}</u>	•	
	_										Ľ							[Ì.							[/	[\square				İ.	Þ			
+		3	×		12	-	ŧ	('	<u> </u>	93	ţĶ	/^)	(1.	80	M	μ	(2)	-	<u> </u>	₿: 	58	K		Ë.	3.	6	<u> </u>	Ľ	19	+-	 		
+	\wedge	ų-	=	11	ŕ-	3	¥.	10		Ya	ŀł		len.	3)	┢			1	2		ō	Ľ	<u> </u>		\vdash		┢─		┢──	╞	┠─	<u>† '</u> 	+	\vdash		
П		_					Ĺ		Ľ.	1				1				Ē			_	Ĺ						Ē			t	Ĺ				
$\left \right $			┣_			\vdash						<u> </u>	 				T		_			 		-	-		<u> </u>	_	╞		-	<u> </u>				
		$\left - \right $	ť	V	7	=	F	7	50	$\left \right $	3	6	t	┢─	4	 	╢	17	6	0	┢─	Z		╢	$\left \right $	┣	\vdash	╞	┢		╉	<u> </u>	┼		-	-
		Γ.	ļ		Ľ	-	_	Ĺ	Ĺ	Ĺ	Ē	Ĺ	17	1	L		ΙĹ	Ĺ	Ĺ	Ĺ		Ľ		⋢		†		L	Ľ	T	L	T	T			Ľ
	-				╞	-	+-	┞		 				-	 	 	-		┡		_			╞		_	<u> </u>	\vdash	╞	+		-	 			
		┝	-	┢		\vdash	†-	┢	$\left \right $				┢╴	+-	\vdash	-	╞	┢	┝	-		┢━	┢	$\left \right $	┢	┢	┢╌	┝	╀╴	+-	╀	-	+-	┢	┢	┢╸
Г		<u> </u>					ļ			L								Ĺ			L_	1		1		<u>†</u>	L	<u>†</u> _			T	İ			t	F
	ļ		<u> </u>		╞	-	-			-		ļ			_		_	┡	1			┞	 	┝	_	_		_	-	+	1	1	1	\downarrow		L
$\frac{1}{1}$	-	╄	-	┼─	┢╴	┢	\uparrow	╞	+-	┝	-		}	\vdash	┢		┢	╞	.		┢	┝	-	┢	┼╴		╞	╀	+	+	╂╌	1	$\frac{1}{1}$			┝
		1	İ	t	ĺ	ĺ	1	1	ļ					<u>† –</u>	1			ľ	ľ		<u>†</u>	†~~	1-		1		\uparrow	+	†	+			1		1-	+
	-	_	_									Pr	ер	are	dt	ıy									c	hec	ke	d t	у							
					Γ															1		12	00		Γ	-					Т		1		/2	00

FN: Calculation_Sheet

.



() NIPPON KOEL CO., LTD.

			ct		D	əta	ileo	10)e:	sig	<u>n c</u>	on I	Po	rt F	lea	oti	vat	ion	P	oje	ct i	n۱	al	Jni	on		-		Ca	lc.	Fil	e N	lo,					
	-	***	or	-		В	2	e,	43	37	<u>, 1</u>	Ų	ĥ		D	20	P	<u>H</u>)	V)										Ca	lc.	Inc	iex	N	b .		_		
S	ut	oje	ec	t			T₹																						Pa	ge	Nc),				Re	ν.	
]	Ī]]]																							ene	çes	l.	
					ļ	7	<u>_</u> _		1			-		-+				,															No	tes	; 		····	
-			₽₽	0		10	31	<u>p</u> ,	P	nr I	4	4	01	on	in			6	5 				_										_	_		_		_
		-	-		-	┼─	t.	┼╌			-†													_				-		-								
·	 		K	Į,	5	p	I	4.5	5	Ŧ	-		8																									
_			 	4	+	<u>}</u> }	1-				r zł																	_									_	_
			19	p_		=		╧	<u>)</u>	-	-1	20	, 	~		<u>^</u>							•••••	_							_							
-		<u> </u>	ř-	t	1	<u></u> 	+	3	t		n	5						-											-	-	-							
_				4						_																	-											
-				R		ŧ.	-	4	4	1	21	η	_																_		_							_
-						+	+	+	+	╞	-						-					_						-					-					
			<u> </u>	E		Γ			+																				-									
_}			=	2		$\left \right\rangle$	ĥ	4	+	-	3	7	5	la	I	m								-														
-			-		17	2	#	-	10		d	\mathbf{t}			7	37	5	1	1	$\lfloor 1 \rfloor$	7						-	25		1-		_		_				
		t	17	┢╸	\uparrow	1	ť	ľ	Ť	Ţ	1	-	-		£	-1		1	<u>//</u>	[7	٣	1	(m	-		11		- 3	-	tz	-		\vdash					•
				Ē			<u> </u>	Γ	T	_]										_			,										_				
					-	┢	╞		╀								L																					
				┞	1	1	+-	+	+	-	-	_		-			-		,						\vdash													
		Ĺ	Ξ	Ē	\uparrow	1	T	1	F	-	1	Ш,	6	25	K		1	${\cal B}$)	=		9	3	00	20		1	5	_									
		<u> </u>	ļ	Ļ	-	-	-	-	+		4	_1					<u>`</u>		[.							ļ											
		╞	╞	┝	-			┢	╀									-	~			9 -		o	.	4				_								
				Ē	Ĺ			İ	╈											\vdash	E	<u> </u>	Ì	Ě			Ē.	H					-					
		<u> </u>	1		-		1		4	-	_												_	<u> </u>														
-		-	╞	┢	\mathbf{H}		· =	+-	+	1	31		١,	4	1	2	$\overline{\mathbf{x}}$		=	<u> </u>		4	8							-					-			
		+	╎	┢╴		++	1	T		Y		<u></u>	7	_	Р		P		=	┢	-	ŕ	Р	-	;			 				-						
				L	1_	ļ																		[· · ·							-				
-		-			-	╞	+-	-	+										.	[ļ	L		<u> </u>			—			<u> </u>	ļ			Ļ_	[Ļ-		
		-	\vdash	┢	+	\vdash	┢	╎	╉		-	-								╞				<u> </u>	+ -								┢─					
							L		Ţ			_																								-		_
-		-		-	+	$\left \right $	-	+	+	-+	_									-		 -		-							[_					[-
-					-	$\left \right $	+	+	╉	+						<u> </u>		-		-	╞	-	<u> </u>		\vdash													
				Ĺ			Ţ	1	1					E					<u> </u>	<u> </u>	j	F								t-	[-			İ	-		1	
		-	_	Ļ			<u> </u>	+-	-	_				L		ļ								ļ		ļ	[[Ľ			
		+	\vdash		┢	-	-	┢	-+-					-	<u>-</u>			ŀ	-	-	┝		-		<u> </u>			<u>-</u>	<u> </u>		_		 		_	-		
			Ĺ		1	Ĺ	1	Ì	1											┢	1	┢	ļ	-	\vdash	}	\downarrow	┢	-	-				<u> </u>	-	<u>}</u>	<u>†</u>	-
		L		Ļ	Ļ	Ē	ſ	1	Ţ					\Box								[[ļ		<u> </u>		[ļ	
			-	-	+	$\frac{1}{1}$	+	╀		+				<u> </u>	[<u>^</u>				Ļ	<u>[</u>	<u> </u>		-	_	 		-	-	_	+		-		1	-
				t	\uparrow	\uparrow	1-	ϯ			- 1			+	 	 	-	┟──	┢	+		╞		+	+	<u> </u> 	<u>+</u>	! 			╞	┼	1-		+	┼┶	1	\vdash
Ì		-		ļ	Ţ	Ţ	1	Ţ	1	ļ					ļ	<u>i</u>	[-	Ĺ	<u>j</u>		ţ_	<u> </u>		Ţ	Ť	[t	t		L	1		
		-	<u> </u> 	+	+	+		1	-	_			L		1	 	 	 	_	-	 	Ļ	<u> </u>	-	<u> </u>		<u> </u> _		1	<u> </u>	<u> </u>	L	F	-	1	1		[
-			<u>.</u>	<u>:</u>	<u> </u>		-	<u>.</u>	-				<u> </u>	 p,	<u>'</u>	are	ן קי	<u> </u>	1	 	<u> </u>	ţ	ł	!	!	!		-	·	1	!	1		?	<u> </u>	1	<u> </u>	1
						T							•	 	<u></u>		<u> </u>	<u>, y</u>		r -								hec	ke	d b	<u>y</u>		т-					
								_			_			l								1		/2	00										1		/2	00

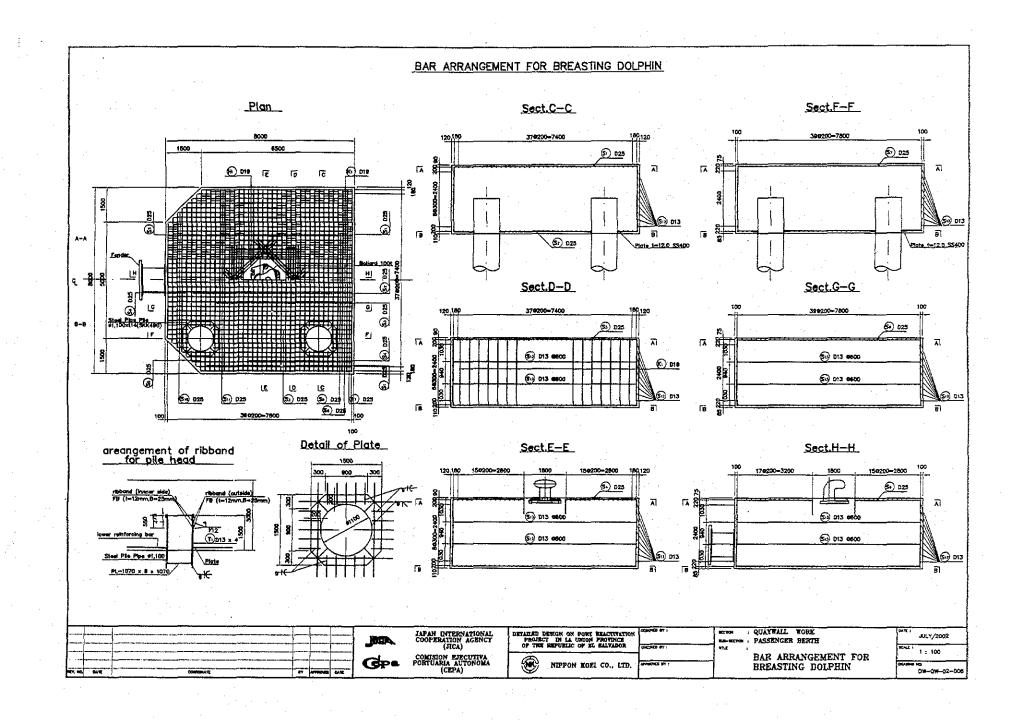
.

	QUANTITY C	CALCULATION C	COVER SHEE		
Project		ort Reactivation Project	Project Code	JC	N004/2N001
Work Section Title	BREASTING	DOLPHIN	Pay Item No. (BO	2) 2D	- BD0102
Quantity Item	PLATE	·	Unit		ton
Calculation Procedu					
Plate The un of pi	was comput it weight was ecess	nulliplied by mulliplied by <u>ms</u> - 02-006			· · · · · · · · · · · · · · · · · · ·
					·
Rev Prepare		Checked	Review		Superseded
by Kale C (Date Pages	by Date Mr. Inoma		Date	by Calc No.
O Karla Goria ant			Mr. Ando	<u> </u>	<u> </u>
2				·····	<u> </u>
3		+			
<u> </u>		_ <u></u>			.L

FN : Calculation_Cover_Sheet_020504_seg cover

338

í



BAR SCHEDULE FOR BREASTING DOLPHIN

1	BΑ	R	DIA	LENGTH	UNIT WT.	0.T.Y	WEIGHT	TOTAL WT.	SHAPE	REMARKS
1	Nç	λ.	UA	(mm)	(kq/m)	Jo.1.1	$\{kq\}$	(kg)	SHAPE	NEWARKS
s	:	1	025	8,640	3.98	7	34.387	241		[
Ľ	:	2	•	7.290	1	7	29.014	203		
	52		•	3,900	•	20	15.522	310	-	
F	Į	1	•	7,790		17	31.004	527		
Įs,	2	2	•	6,440	,	17	25.631	436		
L		3	-	9.000		17	35,820	609		
s	: [1	•	6,460	8	16	25.711	411	Ē.	
E		2	•	9,000	•	8	35.820	287	·	
s	:[1	•	8,160		3	32,477	97		average
Ľ		2	•	6,810	•	3	27.104	81	3	
		1	•	6,750		5	26.865	134		4
S	•	2	•	5,400		5	21.492	107	7	1
		3		6,920	,	5	27.542	138		3
s	:[1	•	8,600	1	4	34,228	137		
2	ſ	2		7,250	•	4	28,855	115	7	•
		1	•	7,750	•	12	30,845	370		
\$	۰ſ	2	•	6,400	•	12	25.472	306		[
	ſ	3	•	9,000	•	12	35,820	430	·	
Г	T	1		6,600	,	8	26.268	210		· · ·
s	•	2	•	6,200	,	8	24,676	197	7	
ľ		3		9,000	,	8	35.820	287		
5	Ľ	1	•	8,120	•	6	32,318	194	ſ	overage
17	"[2	•	7,250		6	28.855	173	<u>ر</u>	•
Γ	Τ	1	•	6,710	,	10	26,706	267	Γ.	1
s	n[2	•	6,400	,	10	25,472	255		
L		3	•	7,960		10	31.681	317		+
Γ	Τ	1	013	5,740	0.995	9	5.711	51		
(s1	ո[2	•	8,440		18	8.398	151	_	
	Ē	3	•	8,640	+	9	8.597	77		
	S 1:		D13	8,200	0.995	14	8,159	114		
┝						D2			5,840	
F						023			394	
H						101			<u> </u>	

. ;		BAR No,	DIA	LENGTH		n) ^{U.I.Y}	WEIGHT	TOTAL WT. (kg)	SHAP		REMARKS					
		Kı.	D19	6,530	2.25	198	14.693	2,909		:						
		Ĺ														
						D1			2,909							
1				<u> </u>		<u> </u>	TAL		2,909	ko						
٠.	_	Hı	D25	3,000	3.98	24	11.940	287								
			020 }	J <u>UUU</u>		1 24	11.940	207	1	(
•						D2	5		287							
						TO			287	ko						
	_								20/							
	T					D2	5		7,126 1	m						
	0 T					01	9		2,909_							
1	À,					D1			394							
	ĩ	· · ·				T0	TAL		10,430	kg						
							70(00.00)				<u> </u>					
		·					TE(SS400		400							
}	-					10:	5.5 kq × 4	pieces =	422	kg						
-	1		band	(SS400)ou	teida	2.36 kg	/m x 3.46	im x 8 Die	ces =	65.3	ka					
				(SS400)inr			/m x 3.30			62.3						
Í			20 and	<u></u>	TOTAL		/			27.6						
ł																
J							VCRETE VO	LUME	185.3							
						FO	₹₩		148.7	m.	2					
ł	_	11	D13	0 775	0.005	16	0 707	T 70								
1		<u>.</u>	0121	2,375	0.995	10	2.363	38								
						D1	7	38								
	ł					TO		38 ka	ka							
						10			<u></u>		.					
	Į					PLA	TE(SS400))								
L						63.	5 kg × 4 c	oiecra :	254	kq						

340

TAPAN INTERNATIONAL COOPERATION AGENCY (HCA) _INGA_

			_
	fet Westerner, eine ternet icht einemet derte effette mit ein	·	
1	DUTAILED DESIGN ON PORT REACTIVATION.		1 1.1
1	PROTECT IN A UNION PROVINCE		L
	(c) THE REPUBLIC OF ELSONADOR	· · · ·	
	······		

Section BECASTING																							a	Uni	ion		_		Calc. File No.											
												11	Je	2	t	201	υP	Ηι	N											Ca	alc.	In	de:	x N	о.					
3	u	oje	ec	t			1	۶Ľ	<u>A</u>	Ť€	1						_													Pa	ige	N	D.	_			Re	ev.		
		<u> </u>	Ļ			_]	1	_					F.					[Ĺ												R	əfe	ren				-
					+	4			-	-	+									<u> </u>	_			ļ	L.									N	ote	<u>s</u>				
		-	┢─	┾	┿	┥				┢	-+																-			<u> </u>	ļ				_			ļ		1
		\square	†	ťΥ	付	+	li I		4	2	2	-1	G	<u> </u>	 }	1	5	4	1	5	┼				 							{		┢─				+		╀
				-									7					1		P	+ • •		-	1	-				<u> </u>	-		┝	1-	╢	<u> </u>	┼─		+		╈
				1	-	_	Ξ		<u> </u>	4	Z	6		Ľ	j														[<u> </u>	1	1-		┢	<u> </u>	1	┢		1
_			┝┈		+-	_					-+				[<u> </u>	ļ			<u> </u>	ļ			ļ		ļ		_												T
		+-	┢	╉	+	+					-										┨──				_	 -		<u> </u>				Į	-			ļ		╞		+
		<u>-</u> .	┼╌	+	+	+			-	+			-	h			<u> </u>	-	-	├				$\left - \right $		-				┝					┢	┣		+		╞
				V	Ψ	7	,	=		17	Ą	57	6	H	q	<u>}</u>	f	2)-	=		1	5	5	2		K					┢		-	<u> </u>	-		┢		+
		 		1	4-	1		_	[7)	-	\sum	[1		1-	\vdash		1-	1	<u> </u>		┢		t
			╀	+	+	-				1	-				ļ		 	<u> </u>	ŀ,	2	1	-		Ļ					η		[Γ	[ľ. –			T
			┢	+	╀	+		-	┝─	+	-	_			-			┢──	┢──	Ē	╎╢	J,	ć	6	μ		0	<u>բ.</u>	┼╂╴	_	<u> </u>		⊢.		_			<u> </u>	L-	ļ
		\vdash	\uparrow	t	1	╡			<u> </u>	+	-+	-								┨	╞╌┖			┝╼					╨		┣		-	┝	 	┣		┢		╀
			T		1				Γ.						_					Ŀ	t		-					-	 		<u> </u>	<u> </u>	-	┢─	<u>†</u>	-	-	<u>†</u>		t
		-	1	1	1	\downarrow		ļ	<u> </u> _	\downarrow							ļ	<u> </u>																	•12	2	[<u> </u>	1
			+	╀	╀	-			-	+						-			┣	 					ļ			 		 					F	ļ	L			Ţ
	-	<u> </u>	┢	╀	╉	-	-		┢	+-	+									┣	<u> </u>				-					 .		<u> </u>			–	-		\vdash	-	ļ
		1	t	┢	╈					-			-		-			-	-								_			-				╟─		-	_	┼—	┝	┼
					Ţ					Γ																					1	-			1-			┢	+	t
_		 	-		+			┞	 	-	_		_				<u> </u>													_										Ì
			╉	╋	÷	-			┢	╀╴	-								-	-												 			 	<u> </u>	ļ	L		
	 	<u> </u>	╈	╁	╉	-{	• •		+	╀	-						ŀ		-	<u> </u>																-	<u> </u>	ļ		ł
			T		T					T									-						-			-	\vdash					┢─	ŀ		-		-	+
		_	.		4.	_				1																									ŀ		┢──	-		t
			+	+	-	┦			-	╀╴	+			Ļ				 			-									L		ļ								I
		┢──	╁	+-	╈				┼╌		┥										_					-						<u> </u>						ļ		-
		Ĺ	ſ							+	1								-	-																┣				-
	_	<u> </u>		Γ	Ţ					Ţ																						-		-	ŀ		-			t
_		\vdash	╉	+.	-	-		 		╀	-		-			<u> </u>			ļ,																	[t
	-	\vdash	+	╀	+	+	••••••		<u> </u> .	+	+		-			<u> </u>		-								$\mid \mid$							Ļ.		L		ļ	L	L-	ļ
		Ĺ	T	+	\dagger	+	•		\vdash	+-	╡							-		 														<u> -</u> -	┢─			+	╞	ł
_		Γ	Γ	Ţ						Ţ					_																			-	†—	\vdash	-	+		╀
			-	+-	+	_		 												<u> </u>	L																			Ť
-			╀	┼	╀	-	-		┝	╀	+		_							┣									[ļ	ļ		Ľ					Į
_	_	†	┢	┽	╉	-†	-		┢─	+	+					-	-	-								-		-		<u> </u>	_		-		┣			_	ļ.	+
			1-	t						1					_				<u> </u>	-												-		-	├			╞	┝	ł
_			<u> </u>		Ţ				Ĺ	1	1																					<u> </u>			<u> </u>		<u> </u>	\vdash		t
_			╞	+-	╇				 	+-	-						L	L	L													_					[Ī
		╞	+	+	╀	+	—	-	┢	╉	┥										<u> </u>								L.				ļ	<u> </u>	ļ	 			┝	╞
		t	\uparrow	<u>†</u> -	t				t	╉	1					-					\vdash	-		$\left - \right $		$\left - \right $		_		\square	$\left - \right $		-			⊢	 			$\left \right $
			L	T						1										Ĺ										⊢		ļ'	<u> </u>		 	-	⊢	<u> </u> '		\dagger
		ĺ	1		1		_				ĺ																											<u> </u>		t
															Pr	epa	are	d b	y									Cr	nec	ked	d b	y								-
						1																	1		/2(_							7			00	-