## **QUANTITY CALCULATION**

BUILDING WORK

[ 3D; CONTAINER GATE ]

AUGUST 2002

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[3D03 CONTAINER GATE

#### **SUMMARY OF ITEM BASE**

Dana	14	Concrete	Forming					eel Bar (r						į	
Page	Item	(m3)	(m2)	D10	D13	D16	D19	D22	D25	D29	D32	Total	(ton)		
1	Foundation	70.71			2111.6		ļ	1024.4	180						
2	Foundation Beam	125.18		1026.4	4984.8				3646.8					ł	
3	Found, Sub Beam	25.80	171.99	1586.5	129.2				1266.6					į	
	Misc.	13.84		1250.5										l	
	Column (-1FL)	4.88		114.8	2235.2				1489.6			!			
	Column (+1FL)	46.79		964.6	2750.4				2549.44					ĺ	
	Beam	17.52	148.60	921.2	684				870.0			ļ		l	
	Foundation Slab	20.06		2747.2								<u> </u>			والمارية المعارض والمعارض المع
	Foundation Slab	52.73		3581.0								CALC	ULA	TION	
10	Slab(2F)	10.88	58.32	1606.2	32.4						<u> </u>	Detail			
			<b> </b>								<u> </u>	·			
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				,							CALC FIL	F No			
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		······					<u> </u>				CALC IN	)FY NO			AGE 118
	· · · · · · · · · · · · · · · · · · ·													TIAL	DATE
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											, <u></u>	ļ		ĺ	
-1FL		299.36	1225.63	13798.3	12927.6			1024.4	10002.4			<u> </u>		l	
+1FL		89.02	1	•					1			<u> </u>		Į	
		Unit W	eght (Kg/m)	0.56	0.995	1.56	2.25	3.04	3.98	5.04	6.23				
			····									<u> </u>		ı	
	,	Net We	eght (ton)	7.73	12.86	<del> </del>		3.11	39.81			(	33.51	Į	
												<u></u>			
		Gross	Weght												
	İ	includin	g loss of			1			1						
			(ton)	8.04	13.38			3.24	41.40			6	6.05	ĺ	
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[3D03 CONCRETE AND FORMWORK ]

#### SUMMARY OF FL BASE (1)

		e et etaketilise 19	Province of the	25 T. 1. 1. 1. 1. 1.	. 7	CONCRET	E (m3)	ang kaling di			n e periode de la compania de la compania de la compania de la compania de la compania de la compania de la co	
Floor	Foundation	Foundation Beam	Miscellaneous	Column	Beam	Sub-Beam	Slab	Wall	Stair	Misc.	Total	Floor Area m3/Floor Area
F	70.71	150.98	13.84	4.88		1	72.79				313.20	
1F~				46,79	17.52		10.88				75.18	
Total	70.71	150,98	13.84	51,67	17.52	0.00	83.67				388.38	
m3/F Area		<del></del>								! !		

	Floor	Foundation	Foundation	Miscellaneous	-		Sub-Beam	i	Wall	Stair	Misc.	1 1	Floor Area m2/Floor Are.
170.00		149.16	805.24	165.56	47.36							1167.31	
40440	F∼				466.96	148.60		58.32				673.88	
Total 149.16 805.24 185.56 514.32 148.6 58.32 1641.19	Total	149,16	805.24	165.56	514,32	148.6		58.32				1841.19	

#### SUMMARY OF FL BASE (1)

the second	g e ngasta nawas		fish into it tipe				STEEL BA	R (kg)	10.00		an e stall f		Maria de la composició de la composició de la composició de la composició de la composició de la composició de
ı	Floor	Fundation	Foundation Beam	Miscellaneous	Column	Beam	Sub-Beam	Slab	Wall	Stair	Misc.	Total	Floor Area kg/Floor Area
-1FL		6,168.9	27,151.2	728.3	8,545.6			4,654.5		}		47,248.	5
+1FL					13,960.5	4,845.2		0.0				18,805.	8
-	Total	6,168.9	27,151.2	728.3	22,506.1	4,845.2		4,654.5				66,054.	3
kg/F Are	a			}	·			<u>i</u>					
	kg/m2	1					1			1	1		

a je jemenski jam tjekije kriti (	A CONTRACTOR OF THE	tik in Nazi til kom	V. 11		Tope Co	STEEL BA	₹ (kg)		minter statis	
Part	D10	D13	D16	D19	D22	D25	D29	D32		CALCELLATION!
Foundation	1	2,185.1	0.0	0.0	3,238.7	745.1			6,168,9	I CALCULATION
Foundation Beam	1,521.7	5,292.0	0.0	0.0	0.0	20,337.5			27,151,2	Detailed Design
Misc.	728.3	0.0	0.0						728.3	on Port Reactivation Project
Column	628.6	5,159.1				16,718.4			22,506.1	
Beam	536.5	707.8				3,600.9			4,845.2	in La Union Province
sub-Beam										
Slab	4,621.0	33.5							4,654.5	CALC FILE No.:
Wall								ii		CALC INDEX No.: PAGE //
Stair										OACO MOLA NO PAGE//
									!	NITIAL DATE
Total	8,036.1	13,377.5	0.0	0.0	3,238.7	41,401.9			66,054.3	PREPARED BY Y. F. Jul.
Ratio(%)				i		i		<del>                                     </del>		CHECKED BY

#### **FOUNDATION QUANTITY CALCULATION**

	טום	D13	D16	U19	U22	D25	D29	D32
HOOK	0.10	0.14	0.17	.0.23	0.27	0.30	0.35	0.38
150	0.15	0.20	0.24	0.29	0.33	0.38	0.44	0.48
250	0.25	0.33	0.40	0.48	0.55	0.63	0.73	0.80
350	0.35	0.46	0.56	0.67	0.77	0.88	1.02	1.12
40a	0.40	0.52	0.64	0.76	0.88	1.00	1.16	1.28

		CC	ONCRET	E			FOR	<b>IING</b>								STEEL.	BAR (m)					
Symbol	Width (m)	Length (m)	Thick (m)	Qʻty	Total (m3)	Width (m)	Length (m)		Total (m <sup>z</sup> )	Symbol	Dia (mm)	Length (m)	Nos	Q'ty	D10	D13	D16	D19	D22	D25	D29	D32
F-1	1.70	1.70	0.55	10	15.90	6.80	0.55	10	37.40	B.L	22	1.70	16	10		13 4 CAS			272.0	eller og er er er er gjill Swetter	942275	
										T.L	13	2.70	16	10		432.0						
					1 1 1 2 2 2 2			ļ		H.B	13	6.80	1	10		68.0		Andrew Street			10000	
									And self filt i							1000000		P	the said on the	(38 (37 L)	327	1.0
	4.00	4.00													(generalis)		(1) (1) t-2.15	1000	750.4	1.3	**************************************	
F-2	1.90	1.90	0.55	22	43.68	7.60	0.55	22			22	1.90		22		14 [27] (2014)		18 mar 18 mar	752.4			
	<u> </u>									T.L H.B	13	2.90 7.60	18 1	22 22	10000	1148.4	1400 Sept. 1989		54 VL 52 (32) C		3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Carrier San San San San San San San San San San
					kar da desaria. Desaria		<del></del>	ļ <u></u>	alia de Paresta.	п.о	13	7.60	1		A Line of the Control	167.2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 \$1100 1600A60 			المستحدث المبارات
				<del> </del>				<u> </u>		ł					a di Syngre	100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg			Section 1	Victoria de la composición del composición de la composición de la composición de la composición del composición de la composición del composición de la composición de la composición de la composición de la composición de la composición de la composición del composición de la composición del composición de la composición del composición del composición del composición del composición del	- 013, 4444 c	
F-3	2.25	2.25	0.55	4	11.14	9.00	0.55	4	19.80	B	25	2.25	20	<u>-</u>		77 (5) (4) (4)	Tag mysel name.	The second	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	180.0		
, -0	2,20	2,25	0.55		11.17	3.00	0.55	<del>-</del>	19.50	T.L	13	3.25	20	4	A CONTRACTOR	260.0	and the second of the second	F 4 2 4 4 5 1	1 Art. 200 - Art.	100.0	7	
				<del>                                     </del>	34.75° (1.55)			ļ		H.B	13	9.00	1	4		36.0		1 4 2 4 1 2 4 2 4	e plante and		1 124 4 2 1 2	
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															All right and	Probablish	SAM MES	1.	So. 36 (34)	200 La 1992	1	1-4
		į		<del> </del>	70.71	<del></del>			149.16	<u> </u>				(m)	n ar Lawer in the Ar	2111.6		1 San 7 (17)	1024.4			<u> </u>
Sub-Total				<del>  </del>					170.10	ļ	<del>                                     </del>			(kg)		2101.0		<del></del>	3114.2	716.4		<del> </del>

Detailed Design on Port Reactivation Project in La Union Province

# CALCULATION Detailed Design on Port Reactivation Project in La Union Province

Quantity Calculation Sheet Container Gate

#### FOUNDATION BEAM QUANTITY CALCULATION

CALC FILE No.:		F	<b>  </b>	T D10	D13	D16 I	שום 19	D22 i	D25	T D29	D3Z
CALC INDEX No.	. P	AGEリン本	ook	0.10	0.14	0.17	0.23	0.27	0.30	0.35	0.38
CALC INDEX NO.		7007	5d:	0.15	0.20	0.24	0.29	0.33	0.38	0.44	0.48
	INITIAL	DATE	5a	0.25	0.33	0.40	0.48	0.55	0.63	0.73	0.80
	111111111111111111111111111111111111111	100,6	50°	0.35	0.46	0.56	0.67	0.77	88.0	1.02	1.12
COCOADED BY	1 4 Z	T. U. 0	voa~	0.40	0.52	0.64	0.76	0.88	1.00	1.16	1,28
PREPARED BY	/ -	Julie	H		-						

							E 6				1/014	- 12	uper	11		STEEL	ZΔR					
			NCRETE	<u> </u>			FORM	IING	SHECK	וס ט						JILLE I		1	1	[	i	1
Symbol	Width (m )	Length (m_i)	Thick (m )	Q'ty	Total (m3)	Width (m. i)	Length (m)	Q'ty	⊶Te <del>tal</del> (m².)	Symbo	of (mm)	Length (m: \	Nos	Q'ty	D10	D13	D16	D19	D22	D25	D29	D32
FB-1	0.40	0.80	5.56	15	26.69	1.60	5.60	15	134.40	T.B	25	22.60	4	5		Section in the section		Section 1	1 1 1 1 1 1 1 1 1	452.0		14 4 14 1
FCB-1	0.40	0.80	2.80	10	8.96	1.60	3.20	10	51.20	B. <b>B</b>	25	22.60	4	5			19 July 20 Yes			452.0		
1,4,5,6,9通									orum et grade	T.B	25	1,70	3	10		Telephone (1981)	week water			51.0	size to the	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		58.38			- 0.116.51 P.10;				two to the first	B.B	25	1.70		10	200	4 - 20 - 10 <u>20 - 1</u>	A 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			51.0		1
		19.6		- <del> </del>	era era gaga i				are the same	STR	13	2.40		5		1452.0				1383.87		ļ
				i	er til de lager i				National Co	W.B	10	24.00		5	240.0	Mark Wa				<u>Jair ngang m</u>		
<u> </u>										Tie	10	0.40	25	5	50.0	13.5	Alternative Control					
				j											3		Tradition !	- Syl, 1948	i Parisas	Particular services	1	
FB-1	0.40	0.80	5.6	12	21.50	1.60	5.60	12	107.52	T.B	25	19.60	4	4	2 15 200			4.0	2.2	313.6		
2,3,7,8 <b>通</b>	0.40		7.88		10.09	1.60					25	19.60		4	14. 3 EF 35.	14412	100	- Check (188	3 45 ye. ki	313.6		j kaly
2,3,7,019	0.40	0.00	7.00	<del></del>	10.00	1.00	1.00			STR	13	2.40	87	4		835.2		Triffic Production	a Pillurraning			100
		47.04						ļi		W.B	10	5.60		12	134.4			A Mary C				
		22.064		<del> </del>						Tie	10	0.40	7	12								7
		22.004		ļ				<del></del>		T.B	25	9.88	4	4		Barrier B.			Taran	158.1		
					<u> </u>		<del></del>			B.B	25	9.88		4	1000	F 7 8 1 1 1 1	1	· Vingaga		158.1	1 4 1	
										STR	13	2.40		4		489.6						1
	ļ									W.B	10	10.20			81.6					# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<del> </del>	
							<del> </del>	ļ		Tie	10	0.40			17.6		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i	7 ( - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	- 100	1	
										116		0.40			33.7		11.01.5				1	
				ļ						┥						1	-	1 1 1 1 1 1	er i er er er er er er	1 2 2 2 2 2 2	100	1
			4 00		40.00	1.60	4.83	8	64 0	T.B	25	42.80	4	<u>A</u>		-		1		684.8		
FB-1	0.40	0.80	4.83	8		1.60				B.B	25	42.80					1 0 TA	100	1 11 1	684.8		
A,B,C,D <b>通</b>	0.40			8			5.03	8	10.3	STR	13	2.40		<del></del>		1833.6		1 70000	· 20 10 10 10		1	1
	0.40					1.60	3.15	<u>-</u>	70.0	2 3 I K	10	41.20			329.6					<del> </del>	-	
	0.40	0.80	6.00	8	15.36	1.60	6.00	8	(0.0	W.B		0.40			62.4		7.7.2.2			<del> </del>	-	+
				-				<u> i                                   </u>		Tie	10	U.40	39		02.4					1377		_
		27.048		ļ				ļ														
		28.168		<u> </u>				<u> </u>	1 1	_				ļ	-					1		_
		17.64			1 1			<u> </u>						<b> </b>							-	-
		33.6												<u></u>			1	1			-	
	[						<u> </u>								age, silen in A. A.	5-1-1	1 1 1 1 1 1 1 1				+	+
FB-1	0.40	0.80	4.83	6	9.27	1.60	4.83	6	46.3	7 T.B	25	6.83				1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 10			163.9		
B-C通	1				- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1				100	B.B	25	6.83	4					<u> </u>		163.9	9	4
1-2&8-9間	1	20.286		1	100					STR	13	2.40	26		3	374.4			40,534		1	
						1				W.B	10	5.23			62.8			7 7 7 7	1.5	C   C   C		
		ļ	· · · · · · · · · · · · · · · · · · ·			1		-(		Tie	10	0.40	6	6	14.4		15 111111111111111111111111111111111111	1 42		- 100	1 : 5	
		<del> </del>		·		1		<u> </u>					1	1	4415		1474					11
<del></del>	<del>                                     </del>	<u> </u>	<del></del>	<del>i</del>	125,18	i i			633.2	51			i	(m)	1026.4	4984.8	3	1		3646.		ł
小計				i	120,10	<del> </del>		-	000.2	-1'				(kg)	574.8					14514.3	3	1

#### FOUNDATION BEAM QUANTITY CALCULATION

	סום	T D13	D16	D19	D22	U25	DZ9	D32
HOOK	0.10	0.14	0.17	0.23	0.27	0.30	0.35	0.38
15a	0.15	0.20	0.24	0.29	0.33	0.38	0.44	0.48
25d	0.25	0.33	0.40	0.48	0.55	0.63	0.73	0.80
35a	0.35	0.46	0.56	0.67	0.77	0.88	1.02	1.12
40d	0.40	0.52	0.64	0.76	0.88	1.00	1.16	1.28

		ÇC	NCRETE	Ē			FORU	MING								STEEL	BAR					
Symbol	Width (m )	Length (m_)	Thick (m )	Q'ty	Total (m3)	Width (m)	Length (m. )	Q'ty	Total (m²-)	Symbol	Dia (mm)	Length (mm)	Nos	Q'ty	D10	D13	D16	D19	D22	D25	D29	D32
FB-2	0.30	0,65	3.15	4	2.46	1.30	3.15	4	16:38	T.B	25:	5.15	3	4	woles of the	right Jah	100		Wild (2.3)	61.8		
2-3,7-8間					- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1				e meljus ils s	B.B	25	5.15	3	4	447 F 155	4 5 8 8	A STATE OF THE	100 pt 1		61.8	7/4 200	
		7.56								STR	13	1.90	17	4	and the	129.2		F-11.87 7.	La Aletta		744 TV 125	
		i			7 21 Tol. 15					W.B	10	3.50	2	4	28.0	F 40 + 5 , 2 1		New Y			A 11	# 7 F
					1				- 1 1 5 5	Tie	10	0.30	5	4	6.0	Brighton (		100000		Maria ya k	10-1	
																	e Bradis a se	15		Sala Elisa en	782.7	
				/	5.27 × 5.4										destination	En Galiga	in wages ± 2.74	12 12 E	N. Farmiy	A foregreen		
FB-2	0.30	0.65	5.60	18	19.66	1.30	5.60	18	131.04	T.B	25	19.60	3	6	984 1 to 177	rate Autoria et	at the second			352.8	1775	
4,5,6通	*									8.B	25	19.60	3	6	No. AND ST. CO.	-1.5000	1,000		2.27.14.15	352.8	No. 19 E	
A-DIS		60.48			Material Report				4 4 4 4	STR	10	1.90	29	18	991.8		4.650	L. Editor	Here was a large	kija graj gran	100000	From Depter
					5 m - 1 m - 1			· · · · · · · · · · · · · · · · · · ·		W.B	10	5.90	2	18	212.4	Carrys #Co		XV494.0			3124; to 1	
										Tie	10	0.30	7	18	37.8			- L-487 .A	[34] HOUSE		- :	A "" #" -
	0.30	0.65	0.70	27	3.69	1.30	0.70	27	24.57		25	2.70	3			أخليما ومعدد الراد		17 aug 1 ja 14		218.7	1,1111	
									<u> </u>	B.B	25	2.70	3	27	2007 (7.12)			ar de la		218.7	10 m	177, 324-1
		11.34							<del>2</del>	STR	10	1.90	. 5	27	256.5					er figher i i sa		
								<u></u>		W.B	10	0.70	2	27				ļ		na lauri da		
									<u> </u>	Tie	10	0.30	2	27	16.2			20012122				
					48.30.000				<u> </u>											San de deser		
					2.15.15.13.1				AND THE PARTY OF		ļ					M. A. Directory	84 P.C. L.	- 11-11-11-11-11-11-11-11-11-11-11-11-11	法国统治			
		353.206																		97 Style 18 Land 1		
																, Elliper He			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			1 m 1 m
									3.34 5.3						Mark I Jak					iga nega	LJ 9301	1
Sub-Total					25.80				171.99					(m)	1586.5	129.2				1266.6	!	1
Sub-rolai														(kg)	888.4	128.6			1	5041.1		Ţ

CALC	ULATIC	N	
Detail on Port Rea in La Un		P	- 1
CALC FILE No .:			
CALC INDEX No	.:	PA	GE/13
	INITIA	L	DATE
PREPARED BY	$\varphi_{-}$	F	Jul.a
CHECKED BY	CO 64		Augoz

#### **COLUMN QUANTITY CALCULATION**

	U10	D13	טוע	19 פוע	U22	D25	D29	ີ ປ32
Hook	0.10	0.14	0.17	0.23	0.27	0.30	0.35	0.38
150	0.15	0.20	0.24	0.29	0.33	0.38	0.44	0.48
25d	0.25	0.33	0.40	0.48	0.55	0.63	0.73	0.80
35d	0.35	0.46	0.56	0.67	0.77	<u>0.88</u>	1.02	1.12
40a-	0.40	0.52	0.64	0.76	0.88	1.00	1.16	1.28

		CC	NCRETE	=		FORM	MING								STEEL	BAR	······				
Symbol	Width	Length (m.)		Q'ty Total (m3)	Width (m. )	Length		Total (mZ)	Symbol	Dia (mm)	Length (m_)	Nos	Q'ty	D10	D13	D16	D19	D22	D25	D29	D32
C1	0.40	0.40	0.80		1.60	0.80	28	35.84	M.B	25	4.70	8	28	Carlotte Land	وجعظ الإنهاء الدياد		datas d		1052.8	<u> 24,74</u>	
				74400 (00.0000)				ray — Lucia Maria da Aria								AND PROPERTY OF THE	And Agency			4.500	
				149404				H125 . 145 . 44	Ноор	13	1.60	38	28		1702.4	140 250 123	The American				4
				rith anath.									<u> </u>	20 N M	<u> </u>		4 (system (2003)	1 17 HEVE	1999 4, 1993	100000	ļ
	***************************************							Section 2	Tie	10	0.40	88	28	89.6	, agran ay	25.45.633	1 3 340	33,000		EXCIO	
								ti vili gelet v	<u> </u>						V 85 57			100	3000		Assertant.
C2	0.45	0.45	0.8	8 1.30	1.80	0.80	8			25						X 2007			436.8	14.	<u> </u>
								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Hoop	13		<del></del>	8	000	532.8	10 10 10			1-11		<del> </del>
		<u></u> i		A State of the Land		<u> </u>		124 4 4	Tie	10	0.45	/	8	25.2	19878 and 1998	12 12 1		The state of the			1
						ì 		3		_		<u> </u>	ļ			3 47 5 1	1 Jan 19 19 19 19 19 19 19 19 19 19 19 19 19	1 25 1 2 2 2		خيننا	1
				11.72 (1.17)						4	ļ <u>.</u>	.	ļ	Carte Constitution	garandir (n. e. eta iyal garandan	A Society (		- [ - <del>                                    </del>			1
			<del> </del>	the profession and			<u>!</u>	10.00	<u> </u>	1	1	1	17	16.5, 27.			.   1276-1476   176, 4		1489.6		1
→1FL				4.88		<u> </u>	-	47.3€	<u> </u>		ļ	1	(m)	114.8	2235.2			-	5928.6		
Sub-total		<u> </u>					1		<u> </u>		1	1	(kg)	64.3	2224.0	<b>_</b>	1		1032.6	•	1
C1	0.40									25		8			1,000 mg/2-1		Albert Carlos				
	0.30	0.30	1.65	<del></del>	1.20	1.65	28			25						1500 J.C. 11			638.4	-	+-
ļ				<u> Nagasya</u>	ļ		-		Ноор	13					1612.8	1 22 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	a na nerika a a	4 - 27 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			<del></del>
<b>!</b>				sjaren je je i					Hoop Tie	10			ļ				18 x x 2 10 10 10 10 10 10 10 10 10 10 10 10 10	17 m 1 2 2			1
İ					-			<u> </u>	Tie	10			1		***	\$17 410 July 244		·		<del> </del>	<del> </del>
00	0.45	0.45	8.20	8 13.28	1.80	8.20	8	118.08		25		12				of the state of the			878.4	<del> </del>	1-
C2	0.45	0.45	0.20	0 13.20	1.60	0.20		118.00	Hoop	13			<u>8</u>		1137.6					1	+
<b> </b>				36. 4.44 D	-				Tie	10				201.6			14	1 335			1
<b> </b>	<b></b>			3 (2) (3) (3) (3) (4)	-		<del> </del>	3. 5 2 2 2 2	1110	-	0.40	00	<del>-</del>	ay a Adding digital		10.00	1 2 10 21 12				1
ļ		ļ		10000000000	-	<u> </u>	╁			+		-	<del> </del>	MIND COSC	10 (0) CON 10				1969 91 - 4000.		1
+FL		<del>                                     </del>	<u> </u>	46.79	1	<del> </del>	<del></del>	466.96		+	<u> </u>	<del>i -</del>	(m)	964.6	2750.4	<del>                                     </del>	<del></del>		2549.4	1	T
	<b></b>	<del> </del>		+0.73	'			400.80	`\		<del> </del>	<del> </del>		540.2			<del>- </del>	<del> </del>	10146.8	1	1
Sub-Total	}					<u> </u>		<u>.</u>		-			(kg)	540.2	2/36.6	<u> </u>	!	1	10146.8	1	

CALCI	JLATIO	N	
Detaile on Port Read in La Uni		Pr	
CALC FILE No.:			
CALC INDEX No		PA	GE /23
	INITIA	L	DATE
PREPARED BY	4-	2	Jul.02
SHECKED BY	10/14		Augor

Detailed Design on Port Reactivation Project in La Union Province

CALCULATION

Detailed Design
on Port Reactivation Project
in La Union Province

Quantity Calculation Sheet Container Gate

#### **BEAM QUANTITY CALCULATION**

								4:	REPARE	D BY I	9-1	- Ju	Į, o2		0.40		0.01		1 0.00			
		CC	NCRETI	Ē			FØR	IING :		20.00	- J. 11	Au	in			STEE	_ BAR					
Symbol	Width (m)	Length (m	Thick (m. )	Q'ty	Totai (m3)	Width (m )	Length (m.)	Q'ty	Total	Symbol	(mm)	Length (m. )	Nos	Q'ty	D10	D13	D16	D19	D22	D25	D29	D32
2F	0.30	0.65	5.60	4	4.37	1.60		4	35.84	Ť.B	25	6.92	4	4	Martin State	Say Fabrusia	2019/1999	1 40 46	Ada an a	110.7	1.1541.0	
B-10										T.B	25			4		area area				29.8	4.5	
										в.в	25	6.92	4	4			. 2 - 3- 1		5 1 L. C.	110.7		1
						·				STR	13	1.90	39	4		296.4	10 May 120	25.4	1397 617		- 12 - 12 - 12	10.12
										W.B	10		2	4	47.2			a programme	2.0			
				i						Tie	10		7	4					9.4991.483	Per Walle All	11.5	1
															7 - 5 - 5	and that	garana a		50,420,00	Prince I		
2 <b>F</b>	0.30	0.65	3,10	4	2.42	1.60	3.10	4	19.84	T.B	25		4	4	ng kalibaha,	11.75 (14.55)		Section of		81.6		Turbayay di
B-10					H-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					B.B	25	5.10	4	4	and the second	573, 970,	Colony de	1000 Sept. 3	AL PROPE	81.6		12 K 12 K
										STR	13		22	4		167.2	N/3/11 (1)	Jack to entropy.	Siver Falls		27 (474) y 11 (594)	
										W.B	10						1450 a gá 17	11.179.770	- 19 - 19 - 1			100
					2.50	····				Tie	10			4	4.8	105 127	4.7657-613	100	1. 22.00	1,040 - 44	-14 -1 1-2	10.00
														† <i>-</i>	Take a second	4999,535,6	1. Jan 2. 1844-1844	organization.	100000000000000000000000000000000000000	t de la comp		7.5
RF	0.30	0.65	5.60	4	4.37	1.60	5.60	4	35.84	T.B	25	6.92	3	4	10 10 10 10 10 10 10 10 10 10 10 10 10 1		7.42.11	JUNE 1984	1.40.40	83.0		1, 1, 2, 1, 10, 10
B-5	0.30	0.65	3.10	4	2.42	1.60			19,84		25	6.92	3		11111111111111111111111111111111111111	200	10.50	21 1 3 mm	ili ang ag	83.0	New Land	1
					11,41,45,41					STR	10	1.90	33	4	250.8		494 DAD 6	Serragalijas.		12.00	Mules (M	100
						*·				W.B	10	5.90	2	4	47.2		20 E S. C. C.		400,000	4.34	Parketana.	
					gyn energe.				A to the st.	Tie	10	0.30	7	4	8.4	أواجر والم	andrie i	100	Algorithms of the	937777	A 20 1 1 2 2 2 2	200
					111 (14.1)	<b></b>			Problem and						0.50	الوابلة والمالة	25 F Y 45	- minter at 12 in	[			
2F	0.30	0.30	1.00	14	1.26	0.90	1.00	14	12.60	T.B	25	2.05	2		andre August.	31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 and 10 and	14.00	( X	57.4	a beginning	1000
CB-10 3,4,5,6適 A,C,D通					1.1.2015				All States	B.B STR	25		3			5 TO 17 (4)	u 100 gib 5	450, 5,55	J. 17 17 17	68.9		
3,4,5,6通					ties feliciti				a seat e	STR	10	1.20	33	14	554.4		1.00	1871,000			4.75	
A,C.D通					64.51 69E													A 60 LECT - 1		12.00 m	115 2444.7	
					<b>最高的人员的人</b>				And Street						1997 S. Ch. 1877		aj Pagaji Ka	05- (CC) 11	4.892 Car	(##J10.55%)		
2F B-12	0.30	0.40	5.60	4	2.69	1.10	5.60	4	24.64	T.B	25	6.80			1,440,000	mmig (APA) graji	Company (See a)	1.25		81.6	Marking and American	2.50
B-12					10 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					B.B STR	25					201 6/02	34.74.94	3		81.6	表现 新海头子	80000
							<u></u>		And the street	STR	13	1.90	29	4	Sangara 2 16 1 2	220.4	aggreen a	Service Services			1900 3	12.22
									1 1 1 1 1 1 1						resident of		0.000	katiyin n		kg (Period		
															1.000		A 1000 M	deficient f	[1657.67.15.	10.15.40-54	ACT IN COL	
Sub-Total					17.52				148.60			İ		(m) (kg)	921.2				1	870.0		
Cub-10tal				L								L		(kg)	515.9	680.6				3462.4		

#### MISCELLANEOUS QUANTITY CALUCULATION

the selection of	D10	D13	:- D16 /	D19	D22	D25	D29	532
Hook	0.10	0.14	0.17	0.23	0.27	0.30	0.35	0.38
15d	0.15	0.20	0.24	0.29	0.33	0.38	0.44	0.48
25c	0.25	0.33	0.40	0.48	0.55	0.63	0.73	0.80
35d	0.35	0.46	0.56	0.67	U,77	0.88	1.02	1.12
400	0.40	0.52	0.64	0.76	0.88	1.00	1.16	1.28

1	:::::	CC	NCRET	=			FORN				-					STEE	BAR	,			,	
Symbol	Width (m)	Length (m_)	Thick (m_)	Q'ty	Total (m3)	Width (m )	Length (m. )	Q'ty	Total (m²)	Symbol	Dia (mm)	Length	Nos	Q'ty	D10	D13	D16	D19	D22	D25	D29	D32
		1101-1		<del>                                     </del>	. 11134	1111					T I		1		nya Sag	10 E 10 E 10	135.434.7	1000	De la prima di Ameria.		3 33 44 5	
W20	0.20	0.40	18.4	4	5.89	0.80	18.60	4	59.52		10		3	4	220.8						19.114.63	
										VB	10	0.76	93	4	282.7							ļ
	}														3. 32.		Property Control		4			
											10	8.68	4		138.9			1 4 3 5 5	1 1 1 1 1 1 1 1 1	1 2 2 2 2 2		<del>                                     </del>
N15	0.15	0.70	7.88	4	3.31	1.40	7.88	4	44.13	<del>∏B</del>	10				180.4		100 CA 2 C	100			1. 2. 2. 4	<del>                                     </del>
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N15	0.15	0.70	7.37	6	4.64	1.40	7.37	6	61.91	HR	10	7.37	4	6	176.9	rigade National Co		X 2	100		1.365	<b>√</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7713	0.15	0.70	1.01							VB	10				250.8			17425 1800	e ki sadijah dar	Free States Inc.	201 305 0	1 2 3.
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Sub-Total		<del> </del>		-	15.04		·			-		<del> </del>		(kg)	700.		<u> </u>	<u> </u>		-	T	

#### **SLAB QUANTITY CALUCULATION**

-	(131)	013	D16	D19	1322	D25	1029	D32
1.4000	7170	0.14	7 7 7 7	0.23	027	0.30	0.35	0.38
150		- 0.17	n-2a	<u>0.29</u>	0.33	0.38	0.44	U.48
	0.15	0.33	0.40	0.48	0.55	0.63		0.80
250	0.25	0.46	0.56	0.67	0.33	0.88	3-02	1-17
400	0.00		0.64	0.76	0.88	1.00	1.16	1 28

		C	NCRET	E			Fürs	MING		Ĭ						STEEL	BAR					
Symbol	Width (m.)	Length	Thick (m )	Q'ty	Total (m3)	Width (m_)	Length (m: )	Q'ty	Total (m²-)	Symbol		Length (m. )	Nos	Q'ty	D10	D13	D16	D19	D22	D25	D29	D32
15	3.15	5.60	0.15	4	10.58				, w yelin a	S.Top	10	3.60	29	4	417.6		Franklije.	Company of	e i de servici	149 27 7.		
S3 2-3,7-8				!	Second Second			1		S.Bom	10		29		417.8		eta for it.		A 18/00 200 100	11-1-1	1,200	
2-3,7-8								1		L.Top	10	6.00	14		336.0		A STATE OF THE STA	to the term	angang tidan	St. 187 (1.18)	1 1 1 1	41,11,1
				· · · · · · · · · · · · · · · · · · ·						L.Bom	10	6.00	14	4	336.0	3.27	Mark Linguistics		7 12 2	<u> </u>		
					5000				a rik t						#### 19 BA	<u> </u>	100 m 100 m 100 m		1. A. (19.45)		1 1 1 1 1 1 1	<del> </del>
	1.53	3.15	0.15	2	1.45				1.5	S.Top	10	2.00	17		68.0		10 00 14 14 14	1 10 5. 1				
										S.Bom	10		17		. 68.0		April Service	76.00	n in the second			1, 3
								ļ		L.Top	10		14		100:8		a special control		27 passent 1 108 15	Park Control	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
				İ	48 S				<u>erre pa Corre</u>	L.Bom	10	3.60	14	2	100.8		12 (ST) 4			Programme - 1		
					197 (19 <u>11)</u>				<u> </u>						3 g fu 12.	\$v 3.44 €		100 C 3A B		370-32-4	50000000	e comprehensi
	3.2	3.15	0.15	2	3.02					S.Top	10		17	2	122.4		<b>特別を開始</b>	London State	parties to the contract of	part 1 2 3 3 4 3		
										S.Bom	10		17		122.4		n and mark	215 650	1.595634	Sept. 50 8.		1.00
	·							1	4 4 1	L.Top	10		14		. 102.2		Carl Dilly		Marinetty			
				i						L.Bom	10	3.65	14	2	102.2		100 m 3 - 300	100000	74,200	Acres e	1.00	
									The Villa						(A) 281 F	1000						
	0.3	3.15	0.15	2	0.28					S.Top	10		17		27.2			10 48 7	4 7 7 7 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			100 111
									1 8 W 4 W	S.Bom	10		17		27.2		自身各种 人	45 AC			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Additional Section
					11 81 54 6				* . <u>1                                  </u>	L.Top	10	3.60	3	2	21.6		lo kout	100	e production of the			
										L.Bom	10	3.60	3	2	21.6					Salvania i i i Salvania	1 - 3 - 1 - 3	
														}				C 13 N+44		34-140, A		
	3.15	2.50	0.15	4	4.73				i er ek i primavi si	S.Top	10		17		98.6		Harry A			7.775		
	-				78 7 K W.					S.Bom	10	2.90	17		98.6	\$57 AT F	Pester suppr				1971 5	
										L.Top	10		11	2	79.2		Alva, to	A Francisco	100	12		The tree
				1	, 1 1 July 14					L.Bom	10		11	2	79.2	[위조] (14년 ·	Validation (1) of	9 mai 19 mi	, in the war			3 11 2.15
									fra tra								La Partie	4.74	77.77.77			
					Ti aut sets									m2当	38.93			l		1		
A 5 7	<u> </u>				20.06			T		Ì	ī			(m)	2747.2				[			
Sub-Total							· · · · · · · · · · · · · · · · · · ·	1			<del>                                     </del>			(kg)	1538.4		<del> </del>	j		i		1

CALCULATION

Detailed Design
on Port Reactivation Project
in La Union Province

CALC FILE No.:

CALC INDEX No.:

PAGE /26

INITIAL DATE
PREPARED BY P.F. Jul. 52
CHECKED BY LA4 Argon

#### **SLAB QUANTITY CALUCULATION**

	010	D13	D16	D19	D22	D25	D29	D32
HOOK	0.10	0.14	0.17	0.23	0.27	0.30	0.35	0.38
15d	0.15	0.20	0.24	0.29	0.33	0.38	0.44	0.48
250	0.25	0.33	0.40	U.48	0.55	0.63	0.73	0.80
350	0.35	0.46	0.56	0.67	0.77	0.88	1,02	1.12
400	0.40	0.52	0.64	0.76	0.88	1.00	1.16	1.28

							1 1	ALIZ:		T						STEEL E	BAR					
			DICRETE	<u> </u>			FGR	WING	T-4-1		Die	Langth			··	7		T			1	
Symbol	Width (m∟∂	Length (m)	Thick (m: )	Q'ty	Total (m3)	Width (m )	Length	Q'ty	Total (m2)	Symbol	(mm)	Length (m:):	Nos	Q'ty	D10	D13	D16	D19	D22	D25	D29	D32
F	2.60	4.83	0.25	121	37.67			T	45 - 144 114	S.Top	13		34			633.8	45 H 774 / [	- 1 - 1 - 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F 245.84			
32							-		10 mg 10 mg	S.Bom	13	18.64	34			633.8	140000		33.5			1 15 1 1
-2,8-9				ļ <u>-</u>				1	V-12	L.Top	13	5.87	12	12		845.3						
-2,0-3						<del></del>		-		L.Bom	13	5.87	12	12		845.3	1.00	de es propie	and the	1.3		
				<u> </u>				ļ			<u> </u>			1				112012	Y-1	a service of	1	1 00
1F	0.70	5.60	0,12	3	1.41			1	100000000000000000000000000000000000000		10		35.34	3			e trapagation	Territoria La	Jack Crass			120
<u> </u>	0.70	1.25	0.12		1.58			i	Test, it is their		10	0.88	35.34	15	463.8		1, 12, 13	12 14 15				12
,,A~D	0.70	4.05	0.12		1.02				5 N. C. C. S. C.	1	10		35.34			er vije in ever en ek	10.11			1	1	
4-,A~D	0.70	3.40	0.12		3.43			· i			10		35.34						120			
5-,A~D	0.70	0.30	0.12		0.30		*- *****			-	10		35.34	12			10 to 10 to	Para extra	<u> </u>	9 44 1 44		ļ
6,A~D						l	1			1		(面積)			10 mm	1 m 1 m 1	A. 15	1000 1000	13.7	1		1
-,,			ļ				1		1 100 1 1 1 2								4 ( T V T	1	10 44 11	100		1
F	1.00	1.80	0.15	12	3.24			-		S.Top	13			20		167.0		1		N 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	1
S1	1.00				1,41			-		S.Top	13		5			133.0	statistic	<u> 1 amii 440</u>	1 20 30 1	era era era		
CS1 ,5,6通					7				71 N 11 N 1	S.Bom	10			20	115.0		(1.00 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p. 10 p.			<u> </u>		
A&D-								1		\$.Bom	10		4,7	20	81.0					ļ		
		[		-			-		9 94 3	S.	13	0.52	10			104.0		1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	<u> </u>		4
		[	·		-			1	2 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	S.	10		10				14.1					
					January 18			1	4.7	L.Top	10	2.01	4				Garage Car	endorman -	January St.			
				1	College Balling	·				L.Top	13	3,41	1	20		68.2	15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
					<del></del>					L.Bom	10	1.61	4	20			FB 5-77			100		
								-		L.Bom	13	2.77	1	20	45	55.4			CAL	CULAT	ION.	3
							1		-1.7	L	10	0.40	2	20 20	32.0	2 780 POS	14/5/2014	1		4		
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						·		Ţ	2 1 2 2	L	10	0.40	4	20			1.54	<u>l</u>	Port R		ion Proi	nrt.
					,	1				L	13	0.52	2	2 20		20.8	in harman time of	1				
									17 and 11								A1 - 4	1	in La L	Inion P	rovince	
F	0.30	24.00	0.15	5 2	2.16					S.Top	13		121		Language Salah	198.4						
ĊS1		i	,					-		S.Bom	10		121	1 2			1000	LAL	FILE N	<b>3.</b>		
&9		1			7 1	·				L.Top	10			5 2			of made t	CALC	INDEX I		PAG	<del>r , , ,</del>
			ļ··	<del></del>	7,300000	1			200	L.Bom	10	24.00		5 2	240.0	i terr <u>ari</u>	arine megel	- ONEO	INDEX :			
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	0.30	2.80	0.15	5. 4	0.50	7.32	2			S.Top	13	0.82			5	39.4		COED	ARED B	J. 5 1	JF I,	<del>-</del> ^ -
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			<del> </del>	+	-	·   · · · - · · - · · · · · · · · ·	-	<del></del> -	1 11 1	L.Top	10			2 4				CHEC	KED BY	$\perp \mid \angle \wedge \mid$	4-11	11,20
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	<del></del>	<del>                                     </del>	<del> </del>	<del> </del>	52.73	1	<del></del>	+	<del>                                     </del>	<del> </del>	<del></del>	<del>:</del>	<del> </del>	[(m)	3581.0	)			*	1		1
Sub-Total		<del> </del>	<del> </del>		34./3	<u> </u>		- <del> </del>			<del></del>	<del></del>		(kg)	2005.3			·		1	i	

#### **SLAB QUANTITY CALUCULATION**

	D10	D13	D16 i	D19	U22	D25	D29	. D32
Hook	0.10	0.14	0.17	0.23	0.27	0.30	0.35	0.38
150	0.15	0.20	0.24	0.29	0.33	0.38	0.44	0.48
25d	0.25	0.33	0.40	0.48	0.55	0.63	0.73	0.80
350	0.35	0.46	0.56	0.67	0.77	0.88	1.02	1.12
40a	0.40	0.52	0.64	0.76	0.88	1.00	1.16	1.28

		ÇC	NCRET	=			FORM	IING								STEEL	BAR					
Symbol	Width (m:	Length (m)	Thick	Q'ty	Total (m3)	Width (m)	Length (m. Y	Q'ty	Total (m²)	Symbol	Dia (mm)	Length (m	Nos	Q'ty	D10	D13	D16	D19	D22	D25	D29	D32
2F	2.40	4.05	0.15	6	8.75	2.40	4.05	6	58.32	S.Top	10	2.70	19	6	307.8	1 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	and the	14.000	*	1 jir	1 1	<u> </u>
S3(CS1)										S.Top	13	2.70	2	6	3 (4) (4)	32.4	94 . JW1.				1 1	
	·		- ·							S.Bom	10	2.40	21	6	302.4		error com	1. M. E. D. BA	106 LHA 1	275 LTC 111 S		7 - 4
										L.Top	10	4.35	11	6	287.1	And the second	7	19 25 ta 5		11 (A)		
									ala ja eta ja	L.Bom	10	4.35	11	6	287.1		Service deservice	23, 50, 6	144,115	4.5	er i a tip maas	4. 15 14. 1
											1	1			4306667	1111111	743 80 803	Entra National			1000	
2F	3.55	6.00	0.05	2	2.13				1.7	S	10	6.90	17	2	234.6	www.		A CONTRACTOR OF STATE		And the second		
PC SLAB										Ľ	10	3.90	24	2	187.2	an infilial		N. 7 - 7 1 5	t -341 (b)	F2.2 (11:17)		
														1	and the	2 4 (%)	enda tali a	12.5 N. 5 N. 15	-2.1	. 1.1	400, 300	
																	17 F Tex 15	18 ft 1981	10.5			3.11.11.11
PC SLAB	3.55*6.0*2	=42.60m	····														age of property	1.1111/-	1. Section		Pilos reestr	
															grande et al.	1 1 1 1 1						
		}							1 1 1 1 1 1 1 1 1													
Sub-Total	1				10.88			· 1	58.32					(m)	1606.2			<u> </u>				
Sup-1otal				[										(kg)	899.5	32.2						

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on Port Read	ctivation	Pr	oject
in La Uni	on Provi	nc	е
CALC FILE No.:			
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	INITIA	_ ]	DATE
PREPARED BY	$\varphi$		Jul.02
CHECKED BY	Coss		Aujor

DISCR	IPTION & LOCATION	TOTAL Qty	SUB TOTAL							CAL	CULAT	ION					
CONTAIN	IER GATE															<u> </u>	
331111										ļ							
S3 PREC	AST PRESTRESS DECK	t=150															
& CONCE	RETE TOPPING t=50	T														<u>i</u>	
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ITEM	LOCATION	DISCRIPTION	Qty	UNIT		FL	CALCULATION	kg/m	Loss %	+Loss 5% TOTAL	MEMO
COLUM	(Axis)1-2,7-8 A~B C3	W8x31 →H-203x203x7x11	968				3.0*7	46.1	5	968.1	
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ITEM	LOCATION	DISCRIPTION	Qty	UNIT		FL	CALCULATION	kg/m	Loss %	+Loss 5% TOTAL	мемо
	1~2,8~9問	W10x21							Τ	1919.0	
	B1	→H-200x100x5.5x8	6812	kg	ROOF "		3.3*2*8	32.	1 - 3	1812.9	
	2~3,7~8間 Bl						2*2*8	32.	7	1098.7	
	3~4,6~7間 B1						3.3*2*8	32.	7 5	1812.9	
	4~5,5~6問 B1						3.8*2*8	32.	7	2087.6	
EAM	1~9 逝 B2	W12x40 →タトH-300x200x7.5x13	13326	kg	ROOF		23.7*9	59.	5 .	13325.9	na . we was seen
BEAM	A,D通 B3	W8x18 →H-206x133x6x8	7924	kg	ROOF		3.3*2*4+2*2*4+3.3*2*4+3.8*2*4	26.	8 :	2790.4	
	1-9通 B3				ROOF		2.63*2*8+5.85*3*8	26.	8 !	5133.1	
			•								
BEAM	STAIR	W8x31 →H-203x203x7x11	387	kg			1.6*5	46.	1	387.2	
	C4					ļ			<del></del>	719.16	
TUD	ROOF	W5*19→H-130*127*7*11	713	<u>kg</u>	ROOF		1.5*8*2	28.3	<u> </u>	713.16	
									ALC	ULATION	
						-			Detai	led Design	1
						-		on Po	La Ur	on Provi	nce
				ļ		ļ		CALC FIL	E No.		
	H ;TOTAL		30130	Kg_		ļ		CALC IND	EX N		PAGE 13
								SPEC 19F	n BY		DATE - Jul.
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ITEM	LOCATION	DISCRIPTION	Qty	UNIT		FL	CALCULATION	kg/m		.+Loss 5% TOTAL	мемо
BEAM	A~D逝,1~9問 B4	C4x5.4 →[-100x40x5x8	1214	kg	ROOF		(3.2:1.9+3.2+3.7)*2*6	8.03	5	1214.1	
				<u></u>							· · · · · · · · · · · · · · · · · · ·
BEAM	·	C10x25 →[-250x75x11×13	5064	kg	2F		4.93*4+3.3*4+5.13*4+6.1*4	37.2	5_	3040.4	
	2,4,5,6,8通 B11				2F		5.7*2+4.4*7+3.3*2+3*1	37.2	5	2023.3	
SUB BEAM	B4	C4x5.4 →{-100x40x5x8	694.8	<u>kg</u>	R <u>OOF</u>		41.2*2	8.03	5	694.8	
***************************************											18 1.1 a.a. WHE
	B4	C4x5.4 →[-100x40x5x8	404.7	kg.	ROOF	-	3*8*2	8.03	5	404.7	
					-						
SUB BEAM	STAIR	C10x25 →[-250x75x11×13	3906.0	kg			5*4*5	37.2	5	3906.0	
Market of China and April											
								CAI	CUI	ATION	
	· · ·									Design	
								on Port F		vation Province	
	4							CALC FILE N			
							0.771	CALC INDEX		PA INITIAL	GE /32
	C;TOTAL		11283	Ky				PREPARED !		4-F	Jul.02
								CHECKED B	<u> </u>	(0/3)	Aujor

ITEM	LOCATION	DISCRIPTION	Qty	UNIT		FL	CALCULATION		kg/m	Loss %	+Loss 5% TOTAL	мемо
BLASIN G	2~7通,-A~D-間 BR-1	N6 BAR →6 φ	1052	kg	ROOF		(3+2.3+3.2+3.5)*8+(3.6+3.2+3.8+4.2)*24	.	2.22	5	1051.7	
		e e e e										
PURLIN		C-4"*2"*3/64" POLIN	2587.3	kg	ROOF		(3.3+2+3.3+3.8)*4*24		2.07	5	2587.3	
	}					1						
RAFTE R		C-4"*2"*3/64" POLIN	486.9	kg	ROOF		(3.5*2+2.5*2+2)*2*8		2.07	5	486.9	· <del>.                                    </del>
STUD	Itv.450mm	L-50*50*4 @500	696.8		BRIDGE WALK		1.2*158		3.50	5	696.8	·
	·	·										
		·							-CA	CUI	ATION	
									De	tailed	Design	
	RB ,C(LGS) ;TOTAL		4,823	kg						1	ivation Pr n Provinc	
								CALC	FILE N	lo.:		
	SUB TOTAL		46,236	kg				CALC	NDEX	<u> </u>	P/ -INITIAL	NGE /33
	GUSSET PLATE H.T.Bolt ,etc	*7%	3,236	1				PREPA		įγ	4.F	Jul.02
	TOTAL	·	49,472	kg				CHECK	ED B	<u> </u>	0127	Aujor

ITEM	LOCATION	DISCRIPTION	Qty	UNIT		FL	CALCULATION	m²/m	Loss +Loss 5 % TOTA	
OLUM	1-2,7-8通 A~B間 C3	W8x31	22 00	m2	16		2.8*2+5.45+3.5*2+5.45	0.94	22.0	9
			22.05	- 1112-			2.6#2.0.40.0.0#2.0.40	0,03		1
EAM	A~B道 2~7間 B1	WI0x21	146.94	ın2	ROOF		(3.85*2)*2*4+(3.7*2)*3*4	0.82	123.3	3
	C,D通 1-2&7-8間 B1		<del>-</del>			 _	(3.6*2)*2*2	0.82	23.6	2
•				<u> </u>						
EAM		W12x40	198.66	m2_	ROOF		11.6*2	1.28	29.7	0
	2~7通 -A~D-間 B2				ROOF	-	22.0*6	1.28	168.9	6
EAM		W8x18	159.28	_m2	ROOF		(3.6*2)*2*2	0.68	19.5	8
	-A,D <b>-</b> 通,2~7問 B3				ROOF		(3.85*2)*2*2+(3.7*2)*3*2	0.68	51.1	4
	1-~-8通,A~D間 B3				ROOF	<u>.</u>	5.9*(5*2+7)+1.91*5*2+2.71*2*2	0.68	88.5	6
·										
	A~D通,2~7問 B4	C4x5.4	34.34	m2	ROOF		(3.85*2)*2*3+(3.7*2)*3*3	0.27	30.4	6
	B-C通,1-2&7-8問 B4				ROOF		3.6*2*2	0.27	3.8	9
								. }		
	3通,A-B間&6通,C-D間 B11	C10x25	<u>1</u> 11.33	m2	2F		6.1+5.6+5.7*2	0.90	20.7	9
	3,4,5,6通,B-C <b>以</b> B11	Detailed Design			2F		4.6*2*4	0.90	33.1	2
	1-2,7-8通,A-日間 <b>on</b> B11	Port Reactivation Project in La Union Province			2F		0.8*2	0.90	1.4	ĺ
	B-通,2~7問	FILE No.:			2F .		6.4*2*2+6.1*2*3	0.90	55.9	В
		NDEX No.: PAGE /	34							

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ITEM	LOCATION	DISCRIPTION	Qty UNI	T	FL	CALCULATION	$m^2/m$	Loss %	+Loss 5% TOTAL	мемо
LASIN	2~7通,-A~D-間 BR-1	N6 BAR →6 φ	9.47 m2	1.		4.2*1.25*4*2*3+4.0*1.25*4*3*3+3.8*1.25*2* 2*2+3.5*1.25*2*3*2			7.93	
	1~11通,-A&E-間 BR-1			ROOF		4.0*1.25*4*2+3.7*1.25*2*2*2	0.0	2	1.54	<del></del> .
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				ļ		Tomas Contract		ALC	ULATION	
								Detail	ed Design	
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	TOTAL PAINTING AR	EA OF MAIN FRAME	672.65 m			i	C FILE			
						CAL	CIND	X No		AGE /3
	TOTAL PAINTING AR (PURLIN ,RAFTER ,GI	EA OF SUB FRAME	9.47 m	<b>.</b>		PRE	FARE	DEY	INITIAL Y.F	
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