LA UNION PORT DEVELOPMENT PROJECT [3A04 STRUCTURE STEEL WORK]

QUANTITY CALCULATION SHEET

PORT ADMINISTRATION BUILDING

ITEM	LOCATION	DISCRIPTION	Qty	UNIT		FL	CALCULATION	kg/m	Loss 5%	+Loss5% TOTAL	MEMO
ANOPY	MAIN BEAM Axis 4,5	W14x34 → 9\H-355x171x7x12	Q.(y	kg			18*2	50.6			
NTRANCE	}	→ タトロー305×171×7×12 W8×10 → 外日〜200×100×4.3×5.2		AS.			2 * 3.93*3.14*100/360*9	14.9			
	BEND BEAM SUB BEAM	14 14 14 14 14 14 14 14 14 14 14 14 14 1					1.2*11*2+1.9*10*2	20.5			
	(HORIZONE)	C8x13.75→外-200x60 W8x10 →外H-200x100x4.3x5.2					1.9*3*9	14.9			
	CONNECTION BEAM PURLIN	POLIN C4x2×1/16" →%-100x50×13×1.6					16.3*8+19*+9	2.7			
	BRACING ,GUSSET PL. ,ANCHOR BOLT	77 100X30 X 13 X 1,0					7%	-==:		414.49	
	1.0.3.1.07,011.000				-						
TAIR	COLUMN	☐ 125*125*12.5		j 			10.9*2	42.30	5	968.25	
	BEAM (SUB)	w8×15 →H206×102×6×8					2.0*3	22.32	5	140.62	
	BEAM (SLOPE)	C8x18.75→外-200x64					6.25*4+5*8	27.90	5	1904.18	
	·								-		
	SUB TOTAL		9348.79	kg				_			
	GUSSET PLATE H.T.Bolt ,etc	* 7%	654.42	kg							
	TOTAL		10,003	kg				.↓ ŗ =		CALCUL	ATION
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3A05: MASONRY WORK (1)

ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
	Conclete Block 200mm.thk	m	 	1F	Axis.A (15+2.5+1.2+3)*4.8+3*4.5+(12-1.2)*4.4-Opening12.3	152.88
SAUCU,	(Including Conc.Lintel)	'''		+	Axis.C.6&4 (12-1.2)*4.4+7.3*4.4+13.4*4.4+(12+2.5-1.2)*4.4-23.30	173.82
ĺ	(Including Constants)			+	Axis.1.8 (16-1.2)*4.5+(16-1.2+1.2)*4.5-25.82	112.78
	•] '		2.3F	Axis.A,C (30*2-0.6*12)*(3.8+3.8-0.65*2)-195.30	137.34
l		1 '		+	Axis,2,8 (16*2-0.6*4)*(3.8+3.8-0.7*2)-18.68	164.84
ĺ	<u> </u>			4.5&6F		185.81
				<u>-</u> '	SUB TOTAL	927.47
		. 1			TOTAL+ 5%	973.84
3A0502	Conclete Block 150mm.thk	m			(9+17+0.7+15+3.5*2+6+2.5+18+8*3+6+2.2+2+12+6*3+6+3.5+3+12+2.5+8+4.2)*5-	700.00
	(Including Conc.Lintel)	1			Opening112,72	780.28
		'			(36 * 2-3+6 * 5+2.8+2.7*2+3+2+2.5)*3.6-Opening68.18	344.74
ł		'			(36*2-3+8*2+2.8+2.7+2.2+3+2+2.5)*3.6-Opening62.18	298.54
ļ	1				(12+8+4.45 * 2+3+1.8+2.5)*3.6-Opening21.88	108.44
1					(12+8+4.45+3+1.8+2.5)*3.6-Opening17.38	96.92
				6F	(12+8+4.45+3+1.8+2.5)*3.6-Opening17.38	96.92
		'		+'	SUB TOTAL	1725.84
					TOTAL+ 5%	1,812.13
3A0503	Conclete Block 100mm.thk	m	 	1F	(2.5+3,5+3)*5,0~0.9*2,5*2	40.50
	(Including Conc.Lintel)	<u> </u>			(2.5+3.5+3)*3.6-0.9*2.5*2	27.90
		'		3F	(2.5+3.5+3)*3.6-0.9*2.5*2	27.90
				+'	SUB TOTAL	96.30
		'			TOTAL+ 5%	101.12
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3A05 : MASONRY WORK (2)						
ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY		TOTAL QTY
3A0504	Brick Masonry	m	Parapet Wall	R6F	Approx. (16+1.15+12)*2*0.5+(3+4)*2*0.5	36.15
	Dirion massing	'``		R3F	(36+16+1.8*2)*2*0.5+(2*3.14*6*0.5+10.48*2+12)*0.5	81.50
				RIF	Axis 1~2 (6+1.5+16+1.2)*2*0.5	24.70
			,	.,,,,	Axis 3 ⁶ Approx. (20+11)*2*0.5	31.00
ł .		1				
				 		
					SUB TOTAL	173.3
					TOTAL+ 5%	182.0
				 		
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Detailed Design
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3A06: WATERPROOFING WORK

ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
	Waterproof Membrane	m'	Toilet ,Kitcher	2F	6*6-1.2*(3+0.8)-(2.7+0.7)*1.7+1.8*3.5	31.96
	2Layer				6*6-1.2*(3+0.8)-(2.7+0.7)*1.7+1.8*3.5+2*3	37.96
	,-				4.45*5.5+4.45*2.5	35.60
				5F	4.45*2.8	12.46
				6F	3*3	9.00
				·	SUB TOTAL	126.98
Ē					TOTAL+ 5%	133.33
3A0602	Waterproof Membrane	m	Roof	R6F	3.14*6*6*0.5+(2.48+8+1.15)*12+(16+1.15+12+3+4)*2*0.5	232.23
	3Layer				(#) 3.14*6*6*0.5+(2.48+8)*12	200.00
				R3F	36*(16+1.8*2)-(#)182.28+(36+18+1.8*2)*2*0.5+(16+12)*2*0.5	608.92
			<u> </u>	RIF	Axis 1~2 (6+1.5)*(16+1.2)+(6+1.5)*2*0.5+((16+1.2)*2*0.5)	153.70
	ļ ·				Axis 3 ⁶ Approx.10.5*20+(10.5+20)*2*0.5	240.50
-					Verandah 75.6	75.60
1.0						•
		1			SUB TOTAL	1310.95
					TOTAL+ 5%	1,376.50
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3A07: TILE WORK (1)

ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
3A0701	Floor Ceramic Tile 33*33*8mm	m	Interior	1F	9*6+9*11.2+3*8+9*8+(6*8-2.5*4)+6*4.4+3*3.4+3*4+1,8*3.5+3*2.5	351.20
	337337011111			2F	36.5*2+3*0.5+1.2*(3+0.8)+1.2*3.5*9.25*6+5*6+4*6+3*2.8+(2.7+0.7)*1.7+1.8*3.5 +3*2.5	394.14
	i .	'		3F	18.25*8+12.25*8+18.25*6+1.8*3.5+3*2.5+3*2.8+36.5*2+3*0.5+1.2*(3+0.8)+1.2*3.5	458.96
	1	'			3.14*6*6*0.5+2.48*12+4.45*2.5+6.25*2+3*0.5+1.8*8	125.81
	l'article de la company de	'			3.14*6*6*0.5+2.48*12+4.45*5.2+6.25*2+3*0.5+3*3+1.8*8	146.82
		'		6F	137.03	137.03
					SUB TOTAL	1613.96
		'	Staircase		2.8*5.03+1.37+1.4*4+1.58*5+1.2*0.28*106+1.2*0.18*116	89.63
·					TOTAL+ 5%	1788.76
3A0702	Floor Ceramic Tile	m	Toilet	ALL	(3*6+3*3+1.7*3)+6*6-1.2*(3+0.8)-(2.7+0.7)*1.7+2*3+6*6-1.2*(3+0.8)-	
	20*20*8mm				(2,7+0,7)*1.7+4.45*5.5+4.45*2.8+3*3	135.36
				 	TOTAL+ 5%	142.12
3A0703	Step Nosing Tile	m	Staircase	ALL	1.2*116Steps	139.20
	(Interior)				TOTAL+ 5%	146.16
3A0704	Floor Ceramic Tile	+ m²	Exterior :Gro	und Flor	Immigr. Custum Office (1,4+0.3*3+0,18*4)*1,5*2	9.06
*	33*165*8mm	'''			Cafeteria (11.5*11.5-8*8)*3.14*100/360+2*2.6+(0.3*3+0.18*4)*2.2*2	
				+	SUB TOTAL	80.92
				1	TOTAL+ 5%	84.96
3A0705	Step Nosing Tile	m	External Stai	ir Steps	Immigr. Custum Office 1.5*4*2	12.00
	(Exterior)				Cafeteria 2.2*4*2	17.60
	Í			+	SUB TOTAL	29.60
i	1	1			TOTAL+ 5%	31.08

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3A07 : TILE WORK (2)

ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
3A0706	Internal Wall Ceramic Tile 20*30*8mm	m³	Toilet,Kitchen	1F	(6*2+1.7*2+1.5*2+3*2)*2.5+(6*2+3*2+1.5*2)*2.5+(3.5+1.8)*2*2.5-Opning17.43	122.57
	20.00.0000	İ		2F	(6+3)*2*2.5+(4.3+3)*2*2.5+(1.8+3.5)*2*2.5-Opening17.43	90.57
		İ		3F	(6+3)*2*2.5+(4.3+3)*2*2.5+(1.8+3.5)*2*2.5+3*2+2*4-Opening23.04	98.96
					(2.7+4.45)*2*2.5+(2.8+4.45)*2*2.5+(4.45+2.5)*2*2.5-Opening9.65	97.10
					(4.45+2.8)*2*2.5-Opening3.09	33.16
Ì					(3+3)*2*2.5+(1.8+1.8)*2*2.5-Opening8.13	39.87
						400.00
	4	ì			SUB TOTAL	482.23
	·	1			TOTAL+ 5%	506.34
3A0707	Geramic Tile Skirting	m	Interior	1F	(9+6)*2+(9+11.2)*2+1.35*2+0.7*7+(6+4.4)*2+(3+3.4)*2+0.7*4+3*2+8+1*2+(9+8)*2+(3+4)*2*2-3.5+(2.5+4)*2+(2+1.3+4+2+2)+(3+3)*2+(3+2.5)*2	236,20
1	(Interior)		ļ	2F	(9.25+6)*2+(4+6)*2-1.5*3+(36.5+2)*2+0.5*2+3*2+3.5*2+(3+2.5)*2-1.5*16	124.00
]			(18.25+8)*2+(12.25+8)*2+(18.25+6)*2+(3+2.8)*2+(3+2.5)*2+(36.5+2)*2+0.5*2+3*2+	127,00
İ			}. ·	٦٢	13.5*2-1.5*14-1.5*9	220.60
				4F	3.14*6+2.48*2+12+(6.25+2)*2+0.5*2-1.5*2.5+(1.8+8)*2-1.5*4	63.15
	·			5F	3.14*6+2.48*2+12+(4.45+5.2)*2+(6.25+2)*2+0.5*2-1.5*2-1.5*2.5+(1.8+8)*2-1.5*4+(3+3)*2	
				6F	3.14*6+2.48*2+12+(4.45+3)*2+(6.25+2)*2+0.5*2-1.5*2.5+(1.8+8)*2-1.5*3.5	78.80
				<u> </u>	SUB TOTAL	817,20
İ					TOTAL+ 5%	858.06
	Ceramic Tile Skirting h;800r		Exterior :Grou	ind Floo	(42+2.5*2+0.4+16+0.8+16+8+21+8+12+2.5*2+17.2)*0.8	121.12
	(Exterior)	m			TOTAL+ 5%	127.18
0.0700	F	m			3.66*3.66*3.14*100/360-2.5*2.8+3.5*(12+2.5*2)-Opening21.15	43.03
3A0708	External Wall Ceramic Tile	m	Main Eatrance	•	3.60*3.60*3.14*100/360-2.3*2.6*3.3*(12*2.3*2/-Opening21.13	43.03
					TOTAL+ 5%	45.19
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3A07: TILE WORK (3)

ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	1		TOTAL QTY.
	Granite Stone Floor Tile	mi	Interior	1F	12*8+3.14*8*8*100/360- (12*5+2.5*4.5+4.2*3.5)+15*12.5+6*2.5*2+18*2+1.2*(3.5+3+0.5)+0.5*6	330.77
			Exterior	North I	Intrance (5.5-0.35)*6+0.3*3+0.18*4	32.52
				South	I Entrance 11*6.1+6*1-4.3*2+0.3*3+0.18*4	66.12
				<u> </u>	SUB TOTAL	429.41
				-	TOTAL+ 5%	450.88
3A0711	Granite Tile Skirting	m	Interior		2*3.14*8*100/360+12+8*2+2.5*2*2+3+6+18+18+2+9+12.5	120.46
				<u></u>		
•						
					TOTAL+ 5%	126.48
3A0712	Granite Tile Shelf Top	m	Toilet	ALL	(2.5+5.6+(2.8+5.6)*2+3.9+2.9+3.8+1.7+1.8)*0.25	9.78
				1		
				ļ		-
					TOTAL+ 5%	10.24
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3A08: PLASTERING WORK (1)

ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY		TOTAL QTY.
3A0801	Cement Motar Plaster To Wall	m	Interior	1F	(9+11,2)*2*3+(9+6)*2*3+(15+12.5)*2*4+(6+2.5)*2*2*3.5+(3+3)*2*2.5+(8*2+12)*3+(9+8)*2*2.6+(8+3*2)*2.8+(6+4.4)*2*2.5+(3+3.4)*2*2.5+(18*2+3.5*2+3.2*2+1.2+2	
		ĺ			+2)*2.5+(6+4)*2*2.5+4*2*2.5+(4+3.5)*2*2.5+(3+2.5)*2*2.5-Opening313.43	839.67
			· · · · · · · · · · · · · · · · · · ·	2F	(36.5+2)*2*2.5+(9.25+6)*2*2.8+(4+6)*2*2.8+(5+6)*2*2.5+(3+2.8)*2*2.5+(3+2.5)*2*2	
÷		1			.5+(3*2+2.8+3.5*2+1.2)*2.5+(2.7+1.7)*2*2.5+(0.7+1.7)*2*2.5-Opening227.63	294.27
		1		3F	(18.25+8)*2*2.8+(18.25+6)*2*2.8+(6+5)*2*2.8+(4+3)*2*2.8+(12.25+8)*2*2.8+(36.5+	
		i			2)*2*2.5+(3*2+2.8+3.5*2+1.2)*2.5+(3+2.8)*2*2.5+(3+2.5)*2*2.5-Opening211.61	576.89
		1		4F	(2.4*2+12)*2.8+(1.8+8)*2*2.5+(6.25+2)*2*2.5-Opening89.39	47,90
		ł		5F	(2.4*2+12)*2.8*2.5+(4.45+5.2)*2*2.5+(1.8+8)*2*2.5+(3+3)*2*2.5+(6.25+2)*2*2.5-	
					Opening94.45	191.65
	•	1		6F	(2.4*2+12)*2.8+(4.45+5)*2*2.8+(4.45+3)*2*2.5+(1.8+8)*2*2.5+(6.25+2)*2*2.5-	
	·	1		<u> </u>	Opening90.45	137.01
			Staircase and	Column	(6+2.77)*2*24+(1*2+2.77)*4.8-Opening25.38+0.75*4*4*4	466.48
					SUB TOTAL	2553.87
			External Wall	1F	[(42+2.5*2+0.4+1.2*5+16+1.5+16*0.6+16+0.8+8*2+15+42+2.5*2+0.4 - 12)*5.7-	
			(Base for AE	P)	(Opening 113.21)-(Ceramic Tile 48.45)	771.43
-					(30.8*2+16.8*2)*7.9-(Opening	
		ł			106.99*2)+(30*2+1.2*4)*2*1.5*3+(1.15*2+2)*1.5*3*2+(30*2+1.2*4)*0.8	1211.84
•				4 [~] RF	(16+12)*2*12.4-(Opening 178.21)+(4.3+1.5*2)*1.5*2*3+0.5*4*3+(16+12)*2*1	643.89
				<u> </u>	SUB TOTAL	2627,16
				 	TOTAL+ 5%	5440.08
				}		
340804	Control Joint :w20 .Calking	m	External Wall	Avic 4	(12-1.4)*2+4.6*6+2.5*4+4.6*2+(18-2.1)*4+3.1*9*2+(12-1.4)*6+3.1*6*3	306.80
UN0007	Control come ,w20 ,Calking] '''			(24-2.8)*2+4.6*10+2.5*4+4.6*2	107.60
					(16-1.4)*6+4.6*6+(8-0.7)*3+4.6*4+0.6*2+4.6+3.1*6*2+(8+2.48-1)*6+3.1*4*3	292.58
		1			(16-1.4)*6+4.6*6+(8-0.7)*2+4.6*3+4.6*6*2+(8+2.48-1)*6+3.1*4*3	292.88
				14XI2 . C	\(\foating\text{\sigma}\rightarrow\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	202.00
				 	SUB TOTAL	999.86
		ļ		 	TOTAL+ 5%	1049.85
	<u> </u>	 			I TOTAL 3/8	1040.00

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3A08: PLASTERING WORK (2)

ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	1		TOTAL QTY.
3A0802	Cement Mortar Skirting H:100mm	m	Storage		(2.5+4)*2+(2.7+1.7+1.7+0.7)*2*2	40.20
	,	-			TOTAL+ 5%	42.21
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!				<u> </u>		
i				 		-
1				<u> </u>		
3A0803	Cement Mortar Floor	m	Carpet Base	<u> </u>	6*5+4*3+4.45*5	64.25
			Store Machin		2.5*4+3*6+3*6+(2.7+0.7)*1.7+3*6+3*3	78.78
		Ì			SUB TOTAL	143.03
	·			 	TOTAL+ 5%	150.18
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3A00: PLASTERING WORK (3)

ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
	Waterproof Cement Mortar	m³	Lift Pit		(1.67+2.5)*2*1.4+1.67*2.5	15.85
		i	Verandah,valo		or (and Skirting h:200) and Eaves Roof	
ļ		İ			36*2*2*1,2+3*2.3*2+1,15*2+(36*2+1,2*4)*2*0.2+(1,15*2+1,5)*0.2	220.38
	· ·				3*2.3+1.15*2+(2+1.15*2)*0.2+(4+2)*1.2+(4+2)*0.2	18.46
				5,6,RF	1,8*4.3*3+23,5*0.5+3*3+(4.3+1.5*2)*2*0.2	46.89
		į			SUB TOTAL	285.73
					TOTAL+ 5%	316.66
	Waterproof Cement Mortar	m	Roof Gutter v			
	w/Wire Mesh			ALL	(12+36*2+9*2+13+7+17)*0.5	69.50
				L		<u> </u>
		Ì	Coping to Val		arapet Wall w/Wire Mesł	22.42
ľ					(43.5*2+9.2+10.5*2+20+1.2*4)*0.2	28.40
					(36*2+1,2*4+1,15+1,15*2)*0.2	16.05
					(36*2+19.6*2)*0.2	22.24
	i i				(4.3+1.5*2)*2*0.2	2.92
	•	1		RF	(17.5+12)*2*0.2+0.8*0.8*4	14.36
	'	1			SUB TOTAL	83.97
		-			TOTAL+ 5%	161.14
0) 0 0 0 0						70.00
3A0807	Color Cement Spray	m	Backsurface		1.2*2.6*9+1.2*3.6*8+1.2*(3.9+4.8)	73.08
			of Stair Slab	 		
			Exterior		(On Cement fiber board 97.64)+(Eaves 2.6*2.1*3+1*1.6*2+1.8*4.3*3+23.5*0.5)	152,19
	.				SUB TOTAL	225.27
	,				TOTAL+ 5%	236.53
3A0808	Colored Waterproof Cement	Morta	Flat Roof	R6F	3.14*6*6*0.5+(2.48+8+1.15)*12	196.08
		Ini			(#) 3.14*6*6*0.5+(2.48+8)*12	
				R3F	36*(16+1.8*2)-(#)182.28	523,32
				D1E	Axis 1~2 (6+1.5)*(16+1.2)	129.00
					Axis 3 6 Approx.10.5*20	210.00
					SUB TOTAL	1,058.40
					TOTAL+ 5%	1,111,32
					TOTALION	1,111,02

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	PAINTING WORK(1)					
ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
	AEP (On Mortar Plaster)	m	Internal Wall		Same as Cement Mortar Plaster For Wall	2553.87
			(including stai	rcase)		
		1				
	AEP (On Gypsum Board)	m	3F ,4F & Stair	case	4*2*2.8-0.9*2.5*2+1.8*2.8+0.7*2	24.34
		ì			SUB TOTAL	2578.21
		<u> </u>			TOTAL+ 5%	2707.12
3A1002	AEP (Oπ Mortar Plaster ; Exterior)	m	External Wall		Same as Cement Mortar Plaster For External Wall	
ŀ	le				SUB TOTAL	2627.16
					TOTAL+ 5%	2758.52
3A1003	OP	mi	On Wooden	Blind B		47.90
				Woode	n Door)	157.50
-					SUB TOTAL	205.40
	·					
ļ			On Steel	Steel D	(D3) ;1.7*2.5*2*35 + (D4) ;0.9*2.5*2*15 + (D5) ;1.7*2.5*2*3 + (D6) ;0.9*2.5*2*7 + (D7) ;0.8*2.1*2*9 + (D9) ;1.35*2.5*2*3	472,49
		1				
i .	,	-		Stee M	Metal Surface Steel Ladder 2Sets	
					Steel Handrail Hatch Cover	
				1	SUB TOTAL	472.49
					TOTAL+ 5%	711.79
	TOTAL					_

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3A10 : PAINTING WORK (2)

3A10:	PAINTING WORK (2)					
ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY		TOTAL QTY.
3A1004	Varnish Paint	mi	Stair Handrail		(0.09+0.05)*2*43.2	12.10
1]	TOTAL CO	10.70
1		ŀ			TOTAL+ 5%	12.70
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				ļ <u> </u>		
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241005	Market Barrie	m	Structure Ste	-1 =+	0.125*4*10.9*2+(0.2*2+0.1*4)*2*3+(0.2+0.064*4)*6.25*4+(0.2*2+0.064*4)*5*8	53.34
3A1005	Marine Paint		Emergency St		0.123-4-10.3-2-10.2-2-0.1-4/-2-0-0.004-14/-0.20-1-0.004-1-0.004	30.0
					TOTAL+ 5%	56.01
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3A11: CARPENTRY AND JOINERY WORK

ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
	Wooden Skirting	m		ALL	(6+5)*2+(4+3)*2+(4.45+5)*2	54.90
					TOTAL+ 5%	57.65
3A1102	Blind Box	m		ALL	13+3.4+5+5.3*3+1.8+5.3*9+1.8+9.5*2*2+9.5*2+2.7+1.4	149.70
	w;12cm*d;10cm					
					TOTAL+ 5%	157.19
3A1103	Wodden Door Frame	m	D8 ,D11		(2.5+0.9)*2*31+(2.5*2+1.2)*3	229.40
					TOTAL+ 5%	240.87
3A1104	Wodden Handrail	m	Staircase		4.75+5.25+4*8+1.2	43.2
					TOTAL+ 5%	45.36
	TOTAL	 		<u> </u>		-

CALCULATION Detailed Design on Port Reactivation Project in La Union Province CALC FILE No.: CALC INDEX No.: PAGE 099 INITIAL DATE PREPARED BY 7-F Julioz CHECKED BY LOWE Augoz

	: INTERIOR FINISHING WO	ORK				
ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
	Cement Fiberboard	mi	Interior	1F	2.5*4.5+4.2*3.5+2.5*4+3*3+1.7*3+3*6+1.8*3.5+3*2.5	81.85
	W/Suspended Ceiling			2F	6*6-1.2*(3+0.8)+1.8*3.5+3*2.5	45.24
i		ŀ		3F	2*3+6*6-1.2*(3+0.8)-(2.7+0.7)*1.7+(2.7+0.7)*1.7+1.8*3.5+3*2.5	51.24
į				4F	4.45*2.5+4.45*5.5	35.60
1				5F	4.45*5.2+4.45*2.8	35.60
l				6F	3*3+3*6	27.00
					SUB TOTAL	276.53
			Exterior	1F	(16+1.2)*0.95+30*0.75	38.84
	1	İ		2,3F	36*2*0.75	54.00
				6F	12*0.4	4.80
					SUB TOTAL	97.64
					TOTAL+ 5%	392.88
3A1201	Mineral Fiber Accoustic	m	Interior	1F	9*6+9*11.2+15*12.5+3*8+6*4.4+3*3.4+3*3+9*8+6*8-	<u> </u>
l	Board w/Suspended				2.5*4+18*2+1.2*(3.5+3+0.5)+12*8+3.14*8*8*100/360-(12*5+2.5*4.5+4.2*3.5)	632.17
l			L	2F	36.5*2+3*0.5+1.2*(3+0.8)+1.2*3.5+9.25*6+5*6+4*6+3*2.8	201.16
İ				3F	36.5*2+3*0.5+1.2*(3+0.8)+1.2*3.5+18.25*8+5*6+4*3+12.25*8+18.25*6+3*2.8	487.16
İ			<u></u>		3.14*6*6*0.5+2.48*12+6.25*2+3*0.5+1.8*8	114.68
					3.14*6*6*0.5+2.48*12+6.25*2+3*0.5+1.8*8+3*3	123.68
				6F	3.14*6*6*0.5+2.48*12+6.25*2+3*0.5+1.8*8+4.45*5+4.45*3	150.28
					SUB TOTAL	1709.13
					TOTAL+ 5%	1794.59
3A1200	Aluminium Spandrel	m	Interior		6*2.5*2	30.00
			Exterior		Terrace 2*3.14*9*100/360*1.2+(6+8)*1.2+(6+4)*0.5	40.64
				ļ	Entrance 1.5*3*2+2.5*6+(9-1.16)*17.5	161.2
		1	<u> </u>	-	SUB TOTAL	231.84
					TOTAL+ 5%	243.43
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3A13:	Miscellaneous Metal Work					
ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
3A1305	Steel Handrail ; h.600	m	Verandah & 4	F Roof	2 ,3F; (36*2+0.8*4)*2+1.2*2+2	154.80
0,11000	Occar rigital and finance				4F: 36*2+(16+3)*2	110.00
·		ŀ			5 ,6F: (4,3+1,5*2)*2	14,60
					SUB TOTAL	279.40
					TOTAL+ 5%	293.37
3A1306	Steel Handrail ; h.700	m	1F Terrace			20.00
					TOTAL+ 5%	21.00
					TOTAL ON	
3A1307	Steel Handrail ; h.1100	m	Emergency S	tair	(4.8+4.6+3.4*4)*2+1.5*3*2+2.5*2+2.2*6	73.20
l			& Balcony	<u> </u>	TOTAL+ 5%	76.86
	en en en en en en en en en en en en en e			†		
3A1313	Steel Pipe Protection Of	m			1Cnos.*2	20
	Downspout Bottom ; h,2m	ŀ		 	TOTAL+ 5%	21
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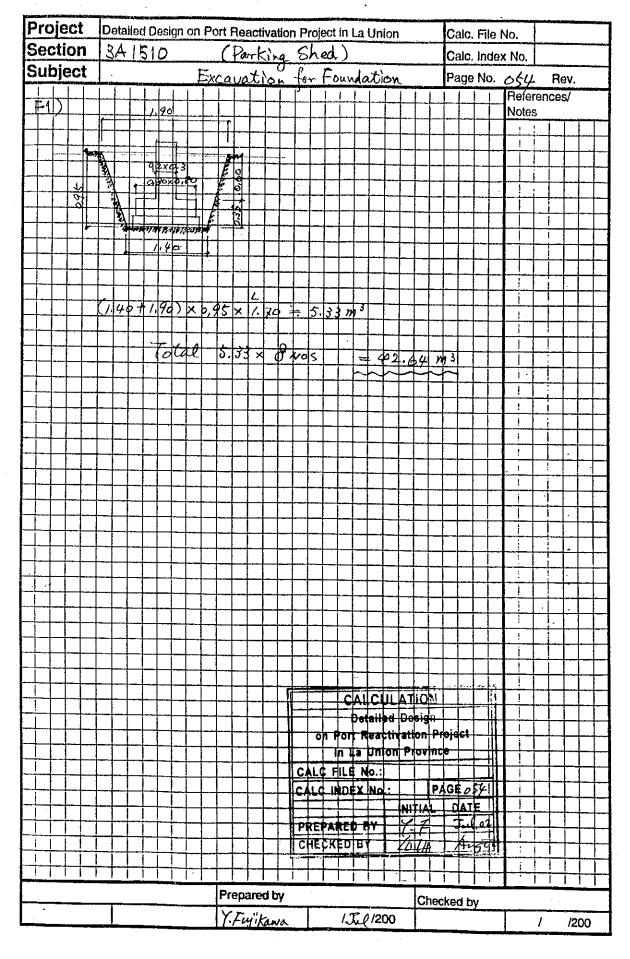
ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY
3A1401	Downspout ;Above GL	m	Axis ; A	 	25*2+13.6*2+6+1.5*5+3-3*2+5	92.7
	Including Eibow		Axis : C,D		13.6*4+6*3+1.5*6+10-7*2+9.5	86.9
1	12nos					
	, 2,,,,,				SUB TOTAL	179.60
				_	TOTAL+ 5%	188.58
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ITEM NOS.	FINISHING MATERIAL	UNIT	LOCATION	STOREY	QUANTITY CALCULATION	TOTAL QTY.
3A1501	Catch Basin 400*400	nos			10nos	
A1502	Catch Basin 500*500	nos			3nos	
	Drainage Piping Including Elbow :PVC 150mm DIA	m			87	87.00
-:	With Sand Filling Protection				TOTAL+ 5%	91,35
	Sand Filling ;Pipe Protection	m3			0.5*0.4*87.5	17.50
					TOTAL+ 5%	18.38
A1504	Interlocking Block	m			(9.5*9.5-7.5*7.5)*3.14+(44.5+15+5+26+59+12+5+10)*2+16.5*3+4*7+16.5*16.5	809.51
					TOTAL+ 5%	849.99
3A1 505	Border Block	m			169.85	169.85
1509	; PC 100*300*600				TOTAL+ 5%	178.34
3A1506	Border Block	m	Air Con Area		(7+9)*2	32.00
	; PC 100*100*600				TOTAL+ 5%	33.60
3Á1507	Net Fence H;2500	m			(7+9)*2+5	37.00
	Including Door &			ļ	TOTAL+ 5%	38.85
3A1508	Gravel Bedding 60mm thk	m3			(7+9)*2*0.06	1.92
					TOTAL+ 5%	2.02
3A1509	Loan to Planting Area	m		<u> </u>	(33+5)*2+0.5*5*5*3.14+7*2+(2.5+5.5)*4*0.5+5*5*2+16*6+5*2+15*2+7*3+6.5*3 +9*2+3*3*0.5+4*4+7.5+(2+9.5)*6.5+18*15-(7*9+5*1.5)+9*15+15*1.5	849.50
	Including Sand Filling			-	TOTAL+ 5%	891.98
	TOTAL	1				<u> </u>

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