

**Lampiran 1 Tabel Perhitungan BCWS**

Periode	BAC		Progres rencana	BCWS=BAC X (P.RENCANA/100)		BCWS komulatif
	Rp	(anggaran rencana)		Rp		
M-01	Rp	64.462.809.091	0,17	Rp	109.089.952	Rp 109.089.952
M-02	Rp	64.462.809.091	0,35	Rp	224.540.773	Rp 333.630.726
M-03	Rp	64.462.809.091	1,58	Rp	1.019.620.459	Rp 1.353.251.184
M-04	Rp	64.462.809.091	1,29	Rp	829.332.756	Rp 2.182.583.940
M-05	Rp	64.462.809.091	1,25	Rp	808.209.134	Rp 2.990.793.073
M-06	Rp	64.462.809.091	1,02	Rp	658.473.530	Rp 3.649.266.604
M-07	Rp	64.462.809.091	0,89	Rp	571.705.013	Rp 4.220.971.617
M-08	Rp	64.462.809.091	0,79	Rp	507.574.274	Rp 4.728.545.891
M-09	Rp	64.462.809.091	1,06	Rp	682.364.678	Rp 5.410.910.569
			8,39		Rp5.410.910.569	

**Lampiran 2 Tabel Perhitungan BCWP**

Periode	BAC (anggaran rencana)	Progres lapangan	BCWP=BAC X (P.RENCANA/100)	BCWP komulatif
M-01	Rp 64.462.809.091	0,19	Rp120.158.676	Rp120.158.676
M-02	Rp 64.462.809.091	2,16	Rp1.392.332.214	Rp1.512.490.890
M-03	Rp 64.462.809.091	0,71	Rp459.039.664	Rp1.971.530.553
M-04	Rp 64.462.809.091	1,24	Rp799.209.907	Rp2.770.740.460
M-05	Rp 64.462.809.091	1,15	Rp741.128.916	Rp3.511.869.376
M-06	Rp 64.462.809.091	0,24	Rp156.386.775	Rp3.668.256.151
M-07	Rp 64.462.809.091	0,06	Rp40.289.256	Rp3.708.545.407
M-08	Rp 64.462.809.091	0,46	Rp296.528.922	Rp4.005.074.329
M-09	Rp 64.462.809.091	0,70	Rp451.239.664	Rp4.456.313.992
		6,913	Rp4.456.313.992	

**Lampiran 3 Tabel Perhitungan ACWP**

Periode	BAC	Progres lapangan	ACWP=BAC X (P.RENCANA/100)	ACWP komulatif	BIAYA LAIN-2	BIAYA LAIN-2 & ACWP	ACWP KOMULATIF FIX
	(anggaran pelaksanaan)						
M-01	Rp64.462.809.091	0,19	Rp120.158.676	Rp120.158.676	35.000.000	155.158.676	Rp155.158.676
M-02	Rp64.462.809.091	2,16	Rp1.392.332.214	Rp1.512.490.890	33.000.000	1.425.332.214	Rp1.580.490.890
M-03	Rp64.462.809.091	0,71	Rp459.039.664	Rp1.971.530.553	27.000.000	486.039.664	Rp2.066.530.553
M-04	Rp64.462.809.091	1,24	Rp799.209.907	Rp2.770.740.460	30.000.000	829.209.907	Rp2.895.740.460
M-05	Rp64.462.809.091	1,15	Rp741.128.916	Rp3.511.869.376	28.000.000	769.128.916	Rp3.664.869.376
M-06	Rp64.462.809.091	0,24	Rp156.386.775	Rp3.668.256.151	32.000.000	188.386.775	Rp3.853.256.151
M-07	Rp64.462.809.091	0,06	Rp40.289.256	Rp3.708.545.407	29.500.000	69.789.256	Rp3.923.045.407
M-08	Rp64.462.809.091	0,46	Rp296.528.922	Rp4.005.074.329	28.000.000	324.528.922	Rp4.247.574.329
M-09	Rp64.462.809.091	0,70	Rp451.239.664	Rp4.456.313.992	31.000.000	482.239.664	Rp4.729.813.992
		7	Rp4.456.313.992				

**Lampiran 4 Tabel Perhitungan SV, SPI, CV, CPI, ECD, EAC dan ETC**

<b>SV</b>	<b>SPI</b>	<b>CV</b>	<b>CPI</b>	<b>ECD</b>	<b>EAC</b>	<b>ETC</b>
BCWP-BCWS	BCWP/BCWS	BCWP-ACWP	BCWP/ACWP	(Sisa waktu/spi)+ waktu terpakai	(Sisa Anggaran/cpi)+ ACWP	((BAC rencana- bcwp)/cpi)
11.068.723,98	1,10	-Rp35.000.000	0,77	36,407	Rp83.239.633.125	Rp83.084.474.449
1.178.860.164,13	4,53	-Rp68.000.000	0,96	10,382	Rp67.360.989.204	Rp65.780.498.315
618.279.369,10	1,46	-Rp95.000.000	0,95	28,397	Rp67.569.008.411	Rp65.502.477.858
588.156.520,63	1,27	- Rp125.000.000	0,96	32,358	Rp67.371.003.219	Rp64.475.262.758
521.076.303,11	1,17	- Rp153.000.000	0,96	34,807	Rp67.271.230.685	Rp63.606.361.308
18.989.547,48	1,01	- Rp185.000.000	0,95	39,824	Rp67.713.841.513	Rp63.860.585.362
-512.426.210,18	0,88	- Rp214.500.000	0,95	44,560	Rp68.191.298.575	Rp64.268.253.168
-723.471.562,13	0,85	- Rp242.500.000	0,94	45,780	Rp68.365.915.481	Rp64.118.341.152
-954.596.576,81	0,82	- Rp273.500.000	0,94	46,641	Rp68.419.123.282	Rp63.689.309.289

# Lampiran 5 Jadwal Pekerjaan Proyek

CONSTRUCTION SCHEDULE DETAIL  
SWANSON NEW FACTORY PROJECT  
PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1		Month 2		Month 3		Month 4		Month 5		Month 6		Month 7		Month 8		Month 9		Month 10		Month 11		REMARKS	
				MAY 2015		JUN 2015		JUL 2015		AUG 2015		SEP 2015		OCT 2015		NOV 2015		DEC 2015		JAN 2016		FEB 2016		MAR 2016			
				3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		1
<b>I. PREPARATION</b>																											
1		Measurement and plug bouwplank	0.28%	0.141	0.141																						
2		Site office and warehouse	0.34%	0.172	0.172																						
3		Temporary fencing	0.11%		0.056	0.056																					
4		Land clearance and security for project	0.06%	0.028	0.028																						
5		Termite Control (guarantee 5 years)	0.87%		0.217	0.217	0.217	0.217																			
6,7,...14		Others	2.20%			0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061		
<b>II. EXCAVATION AND EARTH WORK FOR PILECAP &amp; TIE BEAM</b>																											
2		Pilecap excavation work and tie beam	0.10%	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007		
1		Work piece mast head	0.08%		0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	
15		Back fill for side of pilecap & tie beam	0.01%		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
4		Gravel sand backfill to replace 10 cm thickness soil	0.02%		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	
5		Lean Concrete 5 cm under pilecap & tie beam	0.04%					0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	
6		Remove surplus soil/materials (2nd stage in site)	0.03%							0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
7		Pile Examination PDA (optional)	0.28%			0.141	0.141																				
<b>III. STRUCTURE</b>																											
<b>III.1. MANUFACTURE</b>																											
III.1.1		Foundation (site EL+1401.0- -0.3)	0.00%																								
5		Mingpile 20/20	0.79%		0.394	0.394																					
5a		Mingpile 25/25	0.07%		0.035	0.035																					
6		Culling top of concrete piles	0.02%			0.012	0.012																				
1		Cut soil for gravel sand backfill to replace 10 cm thickness soil	0.04%			0.016																					
4		Remove surplus soil/materials (2nd stage in site)	0.01%			0.004																					
3		Gravel sand backfill 10 cm	0.11%			0.115																					
2		Concrete blinding 50mm	0.18%			0.185																					
11		Short Column C55x65 (from pilecap top to ground slab)	0.02%				0.012	0.012																			
7a		Reinforcing steel works	0.04%		0.013	0.013																					
7b		Form work	0.02%			0.007	0.007	0.007																			
III.1.2		RC Beam & Wall																									
12,13,14,15		Pilecap PC1-1, PC1-2, PC1-3, PC2-1	0.65%				0.024	0.024																			
12,13,14,15 (a)		Reinforcing steel works	0.68%			0.028	0.028	0.028																			
12,13,14,15 (b)		Form work	0.02%			0.008	0.008	0.008																			
10,11		Tie Beam 20x40, 25x50	0.10%				0.052	0.052																			
10,11 (a)		Reinforcing steel works	0.15%			0.051	0.051	0.051																			
10,11 (b)		Form work	0.11%			0.038	0.038	0.038																			
		Beam EL + 5,70 m										0.062	0.062														
2,6,5,3,9,8		B25x40, B25x70, B25x60, B25x50, B30x75, B30x65	0.16%									0.082	0.082														
2,6,5,3,9,8 (a)		Reinforcing steel works	0.54%					0.134	0.134	0.134	0.134																
2,6,5,3,9,8 (b)		Form work	0.22%					0.054	0.054	0.054	0.054																
		Beam EL + 9,70 m	0.00%																								
2,5,6,1,4,3,7,9		B25x40, B25x70, B25x60, B25x50, B30x75, B30x65	0.33%									0.163	0.163														
2,5,6,1,4,3,7,9 (a)		Reinforcing steel works	0.48%									0.120	0.120	0.120	0.120												
2,5,6,1,4,3,7,9 (b)		Form work	0.46%									0.116	0.116	0.116	0.116	0.116											
		Beam EL + 11,90 m	0.00%																								
1		B20x40	0.07%															0.025	0.025								
1a		Reinforcing steel works	0.04%															0.014	0.014	0.014	0.014						
1b		Form work	0.06%															0.021	0.021	0.021	0.021						
		Concrete Parapet/curb (above beam/slab)	0.00%																								
16		Concrete Parapet/curb (above beam/slab)	0.06%															0.029	0.029	0.029	0.029						
16a		Reinforcing steel works	0.02%										0.005	0.005	0.005	0.005	0.005	0.005									





CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
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NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1		Month 2		Month 3		Month 4		Month 5		Month 6		Month 7		Month 8		Month 9		Month 10		Month 11		REMARKS
				MAY 2015	JUN 2015	JUL 2015	AUG 2015	SEP 2015	OCT 2015	NOV 2015	DEC 2015	JAN 2016	FEB 2016	MAR 2016												
4.2.3 (b)	16	Form work	0.18%																							
		Column EL + 5.00 m to EL +9.10 m	0.00%																							
2.3	23	C50x50 K2-1, C50x50 K2-2	0.11%											0.055		0.055										
2.3 (a)	21	Reinforcing steel works	0.22%											0.056	0.056	0.056	0.056									
2.3 (a)	22	Form work	0.13%											0.032	0.032	0.032	0.032									
		Column EL + 9.10 m to EL +11.30 m	0.00%																							
1	29	C60x60 K3-1, K3-2	0.01%														0.006				0.006					
1a	27	Reinforcing steel works	0.02%													0.006	0.006	0.006	0.006							
1b	28	Form work	0.02%													0.005	0.005	0.005	0.005							
		RC Slabs	0.00%																							
III.2.4		Stab EL + 5,00 m	0.00%																							
2	20	Slab 120mm-M8	0.51%											0.257		0.257										
2a	19	Reinforcing steel works	0.54%											0.089	0.089	0.089	0.089	0.089	0.089							
2b	18	Form work	0.65%											0.108	0.108	0.108	0.108	0.108	0.108							
		Stab EL + 9.10 m	0.00%																							
3	26	Slab 120mm-M8	0.22%														0.111				0.111					
3a	25	Reinforcing steel works	0.09%													0.018	0.018	0.018	0.018	0.018						
3b	24	Form work	0.28%													0.056	0.056	0.056	0.056	0.056						
		Stab EL + 11.30 m	0.00%																							
1	32	Slab 080mm	0.05%															0.025				0.025				
1a	31	Reinforcing steel works	0.02%														0.004	0.004	0.004	0.004						
1b	30	Form work	0.10%														0.024	0.024	0.024	0.024	0.024					
		Stab EL + 0.00 m	0.00%																							
4	38	Slab 250mm	1.27%															0.634				0.634				
4a	34	Reinforcing steel works	1.56%														0.389	0.389	0.389	0.389						
4b	35	Form work	0.00%														0.000	0.000	0.000	0.000						
5	36	Dilatasi + dowel D25-300 mm	0.05%														0.014	0.014	0.014	0.014						
5a	37	Pipa PVC	0.01%														0.003	0.003	0.003	0.003						
5b	33	Plastic sheet	0.00%														0.000	0.000	0.000	0.000						
		Stair	0.00%																							
6	41	Stair	0.01%																		0.005					
6a	40	Reinforcing steel works	0.02%																	0.004	0.004	0.004	0.004			
6b	39	Form work	0.01%																	0.002	0.002	0.002	0.002			
		Steel (price includes gussel plate, accessory, painting, etc.)	0.00%																							
III.2.5		Steel Sheet 0.3mm (option to protect glasswool)	0.06%																		0.008	0.008	0.008	0.008	0.008	
1	50	Steel Sheet 0.3mm (option to protect glasswool)	0.06%																		0.008	0.008	0.008	0.008	0.008	
2	47	Purlin C200x75x25x3.2	0.26%																		0.037	0.037	0.037	0.037	0.037	
3,4	46	Bracing & Slud	0.03%																		0.004	0.004	0.004	0.004	0.004	
5.13.14	43	Steel roller	0.78%																		0.078	0.078	0.078	0.078	0.078	
4	42	Anchor 25-600mm	0.04%																		0.016	0.016	0.016	0.016	0.016	
7	49	Ridge	0.01%																		0.004	0.004	0.004	0.004	0.004	
8	48	Gutter	0.11%																		0.028	0.028	0.028	0.028	0.028	
9.11	45	Bolt	0.02%																		0.004	0.004	0.004	0.004	0.004	
10.12	44	Plate for Truss Connection	0.02%																		0.005	0.005	0.005	0.005	0.005	
		OFFICE BUILDING	0.00%																							
III.3.1		Foundation (site EL+1401.0- -0.3)	0.00%																							
5	1	Manjils 2000	0.23%																		0.168	0.168				
4	2	Cutting top of concrete piles	0.01%																		0.005	0.005				
4	3	Remove surplus soil/materials (2nd stage in site)	0.00%																		0.000	0.000				
3	4	Gravel sand backfill 10 cm	0.03%																		0.014	0.014				
1	5	Backfill soil for gravel sand backfill to replace 10 cm thickness soil	0.02%																		0.009	0.009				
2	6	Concrete blinding 50mm	0.04%																		0.022	0.022				

CONSTRUCTION SCHEDULE DETAIL  
SWANSON NEW FACTORY PROJECT  
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NO.	Seq	DESCRIPTION	WEIGHT (kg)	Month 1		Month 2		Month 3		Month 4		Month 5		Month 6		Month 7		Month 8		Month 9		Month 10		Month 11		REMARKS		
				MAY 2015		JUN 2015		JUL 2015		AUG 2015		SEP 2015		OCT 2015		NOV 2015		DEC 2015		JAN 2016		FEB 2016		MAR 2016				
				3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		1	2
7	9	Short Column C50x50 (from pilecap top to ground slab)	0.01%							0.004																		
7a	7	Reinforcing steel works	0.02%																									
7b	8	Form work	0.01%																									
7b	8	Form work	0.00%																									
III.3.2		RC Beam & Wall	0.00%																									
7.8.9.10	9	Pilecap PC1-1, PC1-2, PC1-3, PC2-1	0.02%							0.009																		
7.8.9.10 (a)	7	Reinforcing steel works	0.03%							0.007	0.007	0.007																
7.8.9.10 (a)	8	Form work	0.01%							0.002	0.002	0.002																
7.8.9.10 (a)	8	Form work	0.00%																									
5.4	12	Tie Beam 20x40, 25x50	0.02%									0.009		0.009														
5.4 (a)	10	Reinforcing steel works	0.03%							0.002	0.007	0.007	0.007															
5.4 (b)	11	Form work	0.06%							0.015	0.015	0.015	0.015															
5.4 (b)	11	Form work	0.00%																									
		Beam EL. + 4.15 m	0.00%																									
2.3.1.4	18	B25x70, B25x60, B25x50, B30x50	0.09%										0.045		0.045													
2.3.1.4 (a)	17	Reinforcing steel works	0.23%									0.057	0.057	0.057	0.057													
2.3.1.4 (b)	16	Form work	0.11%									0.027	0.027	0.027	0.027													
2.3.1.4 (b)	16	Form work	0.00%																									
		Beam EL. + 8.20 m	0.00%																									
2.3.1.4	24	B25x70, B25x60, B25x50, B30x50	0.09%														0.045		0.045									
2.3.1.4 (a)	23	Reinforcing steel works	0.23%										0.057	0.057	0.057	0.057												
2.3.1.4 (b)	22	Form work	0.11%										0.027	0.027	0.027	0.027												
2.3.1.4 (b)	22	Form work	0.00%																									
11	18	Concrete Parapet/curb (above beam/slab)	0.04%													0.018		0.018										
11a	17	Reinforcing steel works	0.01%									0.002	0.002	0.002	0.002													
11b	16	Form work	0.03%									0.009	0.009	0.009	0.009													
13	19	Concrete hanging wall (under beam/slab)	0.02%													0.009		0.009										
13a	17	Reinforcing steel works	0.00%									0.001	0.001	0.001	0.001													
13b	16	Form work	0.02%									0.004	0.004	0.004	0.004													
13b	16	Form work	0.00%																									
III.3.3		RC Column	0.00%																									
		Column EL. 0 to EL. + 4.15 m	0.00%																									
1	15	C50x50 K1-1	0.04%									0.020		0.020														
1a	13	Reinforcing steel works	0.13%							0.021	0.021	0.021	0.021															
1b	14	Form work	0.05%							0.011	0.011	0.011	0.011															
1b	14	Form work	0.00%																									
		Column EL. + 4.15 m to EL. + 8.20	0.00%																									
2	21	C50x50 K1-2	0.05%												0.026		0.026											
2a	19	Reinforcing steel works	0.14%									0.035	0.035	0.035	0.035													
2b	20	Form work	0.05%									0.011	0.011	0.011	0.011													
2b	20	Form work	0.00%																									
		Column EL. + 8.20 m to EL. + 10.30	0.00%																									
3	27	C25x25 K3	0.00%														0.001		0.001					0.001				
3a	25	Reinforcing steel works	0.00%													0.001	0.001	0.001					0.001					
3b	26	Form work	0.00%													0.001	0.001	0.001					0.001					
3b	26	Form work	0.00%																									
		Stab EL. + 8.20 m	0.00%																									
4	15	D40 K2	0.00%										0.001		0.001													
4a	13	Reinforcing steel works	0.00%									0.001	0.001															
4b	14	Form work	0.00%									0.001	0.001															
4b	14	Form work	0.00%																									
III.3.4		RC Slabs & Steel Canopy	0.00%																									
		Slab EL. + 4.15 m	0.00%																									
1	18	Slab 150mm	0.19%									0.093		0.093														
1a	17	Reinforcing steel works	0.12%							0.030	0.030	0.030	0.030															
1b	16	Form work	0.18%							0.045	0.045	0.045	0.045															
1b	16	Form work	0.00%																									
		Slab EL. + 8.20 m	0.00%																									
1	24	Slab 150mm	0.19%														0.093		0.093									
1a	23	Reinforcing steel works	0.12%										0.030	0.030	0.030	0.030												









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NO.	Seq.	DESCRIPTION	WEIGHT (T)	Month 1 MAY 2015		Month 2 JUN 2015		Month 3 JUL 2015				Month 4 AUG 2015				Month 5 SEP 2015				Month 6 OCT 2015				Month 7 NOV 2015				Month 8 DEC 2015				Month 9 JAN 2016				Month 10 FEB 2016				Month 11 MAR 2016				REMARKS
				3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4							
5	9	Backfill & CBR 60%	0.01%																																									
6	8	Short Column C40x45	0.01%					0.08%																																				
6a	6	Reinforcing steel works	0.02%						0.007	0.007	0.007				0.013																													
6b	7	Form work	0.01%						0.005	0.005	0.005	0.005																																
			0.00%																																									
7		Chiller water tank- Slab 250mm	0.02%												0.015																													
7a		Reinforcing steel works	0.02%							0.008	0.008	0.008																																
7b		Form work	0.01%								0.003	0.003	0.003																															
			0.00%																																									
8	16	Chiller water tank- Wall 300mm	0.02%												0.028																													
8a	14	Reinforcing steel works	0.04%						0.012	0.012	0.012																																	
8b	15	Form work	0.03%							0.010	0.010	0.010																																
			0.00%																																									
9	13	Chiller water tank- Slab 350mm	0.03%							0.025																																		
9a	12	Reinforcing steel works	0.04%				0.012	0.012	0.012																																			
14		Water test for chiller water tank	0.04%				0.013	0.013	0.013																																			
			0.00%																																									
III.8.2		RC Beam & Wall	0.00%																																									
1.2	16	B25x50, B25x60	0.10%																																									
1.2 (a)	14	Reinforcing steel works	0.20%										0.067	0.067	0.067						0.097																							
1.2 (b)	15	Form work	0.14%											0.047	0.047	0.047	0.047																											
			0.00%																																									
3	13	Tie Beam 25x50	0.05%										0.054																															
3a	12	Reinforcing steel works	0.07%						0.025	0.025	0.025																																	
3b	11	Form work	0.06%							0.019	0.019	0.019																																
			0.00%																																									
5	16	Concrete Wall (full story height)	0.01%																		0.014																							
5a	14	Reinforcing steel works	0.01%										0.002	0.002	0.002																													
5b	15	Form work	0.02%										0.008	0.008	0.008																													
			0.00%																																									
III.8.3		RC Column	0.00%																																									
1	16	C40x45 K1-1	0.03%																		0.030																							
1a	14	Reinforcing steel works	0.05%							0.018	0.018	0.018																																
1b	15	Form work	0.04%								0.014	0.014	0.014																															
2	16	C40x45 K1-2	0.02%												0.016																													
2a	14	Reinforcing steel works	0.03%							0.008	0.008	0.008																																
2b	15	Form work	0.02%								0.007	0.007	0.007																															
			0.00%																																									
III.8.4		RC Slabs	0.00%																																									
1	19	Slab 150mm M8	0.21%																		0.208																							
1a	18	Reinforcing steel works	0.17%									0.058	0.058	0.058																														
1b	17	Form work	0.21%										0.070	0.070	0.070																													
			0.00%																																									
2	19	Slab 150mm M6	0.01%																																									
2a	18	Reinforcing steel works	0.00%												0.001	0.001	0.001																											
2b	17	Form work	0.01%													0.003	0.003	0.003																										
			0.00%																																									
3	19	Slab 150mm D13	0.01%																																									
3a	18	Reinforcing steel works	0.02%												0.007	0.007	0.007																											
3b	17	Form work	0.01%													0.003	0.003	0.003																										
			0.00%																																									
4	19	Slab 100mm	0.14%																		0.145																							
4a	18	Reinforcing steel works	0.05%										0.017	0.017	0.017																													
5	17	Trench	0.01%												0.002	0.002	0.002																											
			0.00%																																									
III.9		GUARD HOUSE TYPE A	0.00%																																									
III.9.1	1	Foundation	0.01%																																									
III.9.2	3	RC Beam	0.04%																																									
III.9.3	2	RC Column	0.01%																																									













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NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1			Month 2			Month 3			Month 4			Month 5			Month 6			Month 7			Month 8			Month 9			Month 10			Month 11			REMARKS			
				MAY 2015			JUN 2015			JUL 2015			AUG 2015			SEP 2015			OCT 2015			NOV 2015			DEC 2015			JAN 2016			FEB 2016			MAR 2016						
				3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3		4	1	2
IV.3.2.5		HANDRAILS :	0.00%																																					
	2	Pekerjaan railing (stainless steel)	0.00%																																					
		Star Office	0.02%																																					
			0.00%																																					
IV.3.2.6		DOORS, WINDOWS, AND FRAMES :	0.00%																																					
		(INCLUDE Installation, accessories and hardware )	0.00%																																					
	1,2,...,11	Aluminium Door	0.12%																																					
	15,16,...,20	Aluminium Windows	0.32%																																					
			0.00%																																					
			0.11%																																					
IV.3.2.7		SANITARY INSTALLATION :	0.00%																																					
		(INCLUDE Installation with accessories- rubber, sealant, etc.)	0.00%																																					
			0.00%																																					
IV.3.3		THE WORK UP TO ROOF FLOOR CONCRETE SLAB	0.00%																																					
IV.3.3.1		BRICKLAYER AND PLASTERWORK :	0.00%																																					
	1	Light Brick Wall	0.07%																																					
	2	Smooth Plastering	0.05%																																					
			0.00%																																					
IV.3.3.2		CEILINGS :	0.00%																																					
	1	Exposed finish Pentaflex paint ex. Dulux	0.00%																																					
			0.00%																																					
IV.3.3.3		FLOOR FINISHING :	0.00%																																					
	1	L-3 Ceramic Tile 33x33 type Step Tile ex. Roman	0.01%																																					
			0.00%																																					
IV.3.3.4		WALL FINISHING :	0.00%																																					
	1	Weathershield paint ex. Dulux	0.05%																																					
	2	Pentaflex ex. Dulux	0.00%																																					
			0.00%																																					
IV.3.3.7		DOORS, WINDOWS, AND FRAMES :	0.00%																																					
		(INCLUDE Installation, accessories and hardware )	0.00%																																					
	1	Type P6	0.01%																																					
			0.00%																																					
IV.4		DORMITORY	0.00%																																					
IV.4.1		THE WORK UP TO 2ND FLOOR CONCRETE SLAB	0.00%																																					
IV.4.1.1		BRICKLAYER AND PLASTERWORK :	0.00%																																					
	1	Light Brick Wall	0.25%																																					
	2	Smooth Plastering	0.16%																																					
	3	Plastering exposed concrete	0.01%																																					
			0.00%																																					
IV.4.1.2		CEILINGS :	0.00%																																					
	1	P-1 - Exposed finish weathershield paint ex. Dulux	0.01%																																					
	2	P-2 - Kalsam siman t. warna ex. Kalsapond (cross r. maran r. system)	0.13%																																					
			0.00%																																					
			0.00%																																					
IV.4.1.3		FLOOR FINISHING :	0.00%																																					
	1	L-1 Ceramic Tile 50x50 type New Castle Bone ex. Roman	0.10%																																					
	2	L-2 Ceramic Tile Busik 60x20 ex. Roman	0.11%																																					
	3	L-3 Ceramic Tile 33x32 type Cliffstone Beige ex. Roman	0.02%																																					
	4	L-3 Ceramic Tile 33x33 type Step Tile ex. Roman	0.01%																																					
	5	L-5 Concrete Slab	0.01%																																					
	5	L-7 Concrete Slab	0.00%																																					
	7	Skirting 10x50 cm ex. Roman	0.03%																																					
	8	Stepping Ceramic 10x33.3	0.00%																																					
	9	Stepping Ceramic 10x50	0.00%																																					
	10	Waterproofing toilet	0.01%																																					
			0.00%																																					
			0.00%																																					
IV.4.1.4		WALL FINISHING :	0.00%																																					
	1	Weathershield paint ex. Dulux	0.05%																																					
	2	Pentaflex ex. Dulux	0.09%																																					
	3	Ceramic Tile type 30x60, type Cleopatra Beige ex. Roman	0.05%																																					
			0.00%																																					

CONSTRUCTION SCHEDULE DETAIL  
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NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1			Month 2			Month 3			Month 4			Month 5			Month 6			Month 7			Month 8			Month 9			Month 10			Month 11		REMARKS
				MAY 2015	JUN 2015	JUL 2015	AUG 2015	SEP 2015	OCT 2015	NOV 2015	DEC 2015	JAN 2016	FEB 2016	MAR 2016																						
IV.4.1.5.		HANDRAILS :	0.00%																																	
		Indoor	0.00%																																	
	1	Stainless steel 2 "	0.06%																																	
	2	Stainless steel 1 "	0.04%																																	
		Outdoor	0.00%																																	
	1	Stainless steel 2 "	0.01%																																	
	2	Stainless steel 1 "	0.01%																																	
IV.4.1.6.		DOORS, WINDOWS, AND FRAMES :	0.00%																																	
		(INCLUDE Installation, accessories and hardware )	0.00%																																	
	1.2.18	Aluminium Door	0.21%																																	
	19.20.21	Aluminium Windows	0.22%																																	
IV.4.1.7		SANITARY INSTALLATION :	0.05%																																	
		(INCLUDE Installation with accessories- rubber, sealant, etc. )	0.00%																																	
IV.4.2		THE WORK UP TO 2RD FLOOR CONCRETE SLAB	0.00%																																	
IV.4.2.1.		BRICKLAYER AND PLASTERWORK :	0.00%																																	
	1	Light Brick Wall	0.26%																																	
	2	Smooth Plastering	0.18%																																	
	3	Plastering exposed concrete	0.01%																																	
IV.4.2.2		CEILINGS :	0.00%																																	
	1	P-1 - Exposed finish weathershield paint ex. Dulux	0.01%																																	
	2	P-2 - Exposed finish weathershield paint ex. Dulux	0.01%																																	
	6	P-6 - Exposed finish Pentaflex paint ex. Dulux	0.04%																																	
IV.4.2.3		FLOOR FINISHING :	0.00%																																	
	1	L1 Ceramic Tile 50x50 type New Castle Bone ex. Roman	0.10%																																	
	3	L3 Ceramic Tile 33x33 type Cliffstone Beige ex. Roman	0.01%																																	
	6	Skirting 10x50 cm ex. Roman	0.02%																																	
	8	Waterproofing kalit	0.01%																																	
IV.4.2.4		WALL FINISHING :	0.00%																																	
	1	Weathershield paint ex. Dulux	0.05%																																	
	2	Pentaflex ex. Dulux	0.17%																																	
	3	Ceramic Tile type 30x60, type Cleopatra Beige ex. Roman	0.06%																																	
IV.4.2.5.		HANDRAILS :	0.00%																																	
	1	Stainless steel 2 "	0.07%																																	
	2	Stainless steel 1.5 "	0.06%																																	
IV.4.2.6		DOORS, WINDOWS, AND FRAMES :	0.00%																																	
		(INCLUDE Installation, accessories and hardware )	0.00%																																	
	5.6...15	Aluminium Door	0.21%																																	
	19.20.21	Aluminium Windows	0.00%																																	
IV.4.2.7		SANITARY INSTALLATION :	0.41%																																	
		(INCLUDE Installation with accessories- rubber, sealant, etc. )	0.00%																																	
IV.4.2.8		ROOF :	0.00%																																	
	1	A-3 - Concrete slab exposed + waterproofing SIKATOP 107	0.01%																																	
IV.4.3.		THE WORK UP TO 3RD FLOOR CONCRETE SLAB	0.00%																																	
IV.4.3.1.		BRICKLAYER AND PLASTERWORK :	0.00%																																	
	1	Light Brick Wall	0.18%																																	
	2	Smooth Plastering	0.11%																																	
IV.4.3.2		CEILINGS :	0.00%																																	

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NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1 MAY 2015		Month 2 JUN 2015		Month 3 JUL 2015		Month 4 AUG 2015		Month 5 SEP 2015		Month 6 OCT 2015		Month 7 NOV 2015		Month 8 DEC 2015		Month 9 JAN 2016		Month 10 FEB 2016		Month 11 MAR 2016		REMARKS
				3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
6		P-6 : Exposed finish Pentallite paint ex. Dulux	0.00%																		0.001	0.001				
IV.4.3.3		FLOOR FINISHING :	0.00%																							
1		L-1 Ceramic Tile 50x50 type New Castle Bone ex. Roman	0.00%																		0.001	0.001				
6		Skirting 10x50 cm ex. Roman	0.00%																		0.000	0.000				
IV.4.3.4		WALL FINISHING :	0.00%																							
1		Weathershield paint ex. Dulux	0.12%																			0.000	0.000			
2		Pentallite ex. Dulux	0.00%																			0.058	0.058			
1		Pentallite ex. Dulux	0.00%																			0.002	0.002			
IV.4.3.5		ROOF :	0.00%																							
1		A-3 : Concrete slab exposed + waterproofing SIKATOP 107	0.08%																			0.041	0.041			
IV.5		CANTEEN	0.00%																							
IV.5.1		THE WORK UP TO ROOF FLOOR CONCRETE SLAB	0.00%																							
IV.5.1.1		BRICKLAYER AND PLASTERWORK :	0.00%																							
1		Light Brick Wall	0.14%										0.035	0.035	0.035	0.035										
2		Smooth Plastering	0.09%										0.021	0.021	0.021	0.021	0.021									
3		Plastering exposed concrete	0.01%												0.002	0.002	0.002	0.002								
IV.5.1.2		CEILINGS :	0.00%																							
1		P-1 : Exposed finish weathershield paint ex. Dulux	0.01%																		0.005	0.005				
2		P-2 : Exposed finish Pentallite paint ex. Dulux	0.05%																		0.023	0.023				
6		P-6 : Exposed finish Pentallite paint ex. Dulux	0.02%																		0.008	0.008				
IV.5.1.3		FLOOR FINISHING :	0.00%																							
1		L-1 Ceramic Tile 50x50 type New Castle Bone ex. Roman	0.08%																			0.025	0.025	0.025		
2		L-3 Ceramic Tile 33x33 type Cliffstone Beige ex. Roman	0.01%																			0.003	0.003	0.003		
3		Skirting 10x50 cm ex. Roman	0.01%																			0.003	0.003	0.003		
4		Stepping Ceramic 10x50	0.00%																							
5		Waterproofing kaliet	0.01%																			0.001	0.001	0.001		
			0.00%																				0.003	0.003		
IV.5.1.4		WALL FINISHING :	0.00%																							
1		Weathershield paint ex. Dulux	0.04%																				0.018	0.018		
2		Pentallite ex. Dulux	0.03%																				0.017	0.017		
3		Ceramic Tile type 30x60, type Cleopatra Beige ex. Roman	0.06%																				0.031	0.031		
IV.5.1.5		HANDRAILS :	0.00%																							
1		Stainless steel	0.03%																					0.030		
IV.5.1.6		DOORS, WINDOWS, AND FRAMES :	0.00%																							
		(INCLUDE Installation, accessories and hardware )	0.00%																							
12,3,4		Aluminium Door	0.11%																0.055	0.055						
5,6		Aluminium Windows	0.15%																0.071	0.071						
IV.5.1.7		SANITARY INSTALLATION :	0.00%																							
		(INCLUDE Installation with accessories- rubber, sealant, etc.)	0.17%																					0.084	0.084	
			0.00%																							
IV.5.1.8		ROOF :	0.00%																							
1		A-3 : Concrete slab exposed + waterproofing SIKATOP 107	0.02%																				0.012	0.012		
IV.5.2		THE WORK UP TO ROOF FLOOR CONCRETE SLAB	0.00%																							
IV.5.2.1		BRICKLAYER AND PLASTERWORK :	0.00%																							
1		Light Brick Wall	0.05%																		0.027	0.027				
2		Smooth Plastering	0.02%																			0.016	0.016			
3		Plastering exposed concrete	0.00%																			0.000	0.000			
IV.5.2.2		CEILINGS :	0.00%																							
1		P-1 : Exposed finish weathershield paint ex. Dulux	0.00%																			0.001	0.001			







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 SWANSON NEW FACTORY PROJECT  
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NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1		Month 2		Month 3		Month 4		Month 5		Month 6		Month 7		Month 8		Month 9		Month 10		Month 11		REMARKS
				MAY 2015		JUN 2015		JUL 2015		AUG 2015		SEP 2015		OCT 2015		NOV 2015		DEC 2015		JAN 2016		FEB 2016		MAR 2016		
				3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
			0.00%																							
IV.16.		WEIGHTBRIDGE	0.00%																							
1		Weight Bridge wall & slab smooth plastering	0.01%																							
			0.00%																							
IV.17.		4 Dog house	0.00%																							
1		4 Dog house wall & slab smooth plastering & waterproof painting	0.00%																							
			0.00%																							
V		MEP																								
		OFFICE BUILDING																								
I.		JOB INST.CABLE FEEDER																								
		Cable feeder NYM 4x70mm <sup>2</sup> + BC 50mm <sup>2</sup>	0.13%																0.0671	0.0671						
		Cable feeder NYM 4x70mm <sup>2</sup> + BC 50mm <sup>2</sup>	0.03%																0.0134	0.0134						
		Cable feeder NYM 4x50mm <sup>2</sup> + BC 50mm <sup>2</sup>	0.03%																0.0153	0.0153						
A.		JOB INSTALATION LISTRIK	0.00%																							
		Light TBS 2x19w.Led	0.15%																							
		Light T5 1x19w.Led	0.00%																							
		Down Light 9w.Led (Bulb)	0.03%																							
		Down Light 5w.Led (Bulb)	0.00%																							
		Exhaust Fan Toilet 100 cfm 50 Watt	0.02%																							
		Socket Outlet 1 Phase, 200 VA	0.00%																							
		Single Switch 10A	0.00%																							
		Grid Switch 12 Gang	0.00%																							
		Double Single Switch 10A	0.00%																							
		Inst. Lighting, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.22%																	0.0554	0.0554	0.0554	0.0554			
		Inst. Socket Outlet, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.03%																	0.0082	0.0082	0.0082	0.0082			
B.		Box Panel Office first floor	0.00%																							
		Box Panel	0.00%																							
		MCCB 3 Phase 175-250 A /3kA	0.01%																							
		MCCB 3 Phase 200 A /3kA	0.01%																							
		MCCB 3 Phase 16 A /3kA	0.00%																							
		MCB 1 Phase 16 A/4.5 KA	0.00%																							
		MCB 1 Phase 30 A/4.5 KA	0.00%																							
		MCB 1 Phase 10 A/4.5 KA	0.00%																							
		Amp meter	0.00%																							
		Volt meter	0.00%																							
		VSS	0.00%																							
		Fuse 2 A	0.00%																							
		Indication Lamp	0.00%																							
		Cu Bar	0.00%																							
		Box Panel + Wiring	0.01%																							
C.		JOB INSTALATION TELEPON	0.00%																							
		Junction Box Telepon 20 pair	0.00%																							
		PABX 8 Line 150 Extension	0.05%																							
		MDF 2 x 150 pairs	0.00%																							
		Outlet Telepon	0.00%																							
		Telephone	0.01%																							
		Inst. outlet telephone (cabel TTC 2 x 2 x d.0.6 mm)	0.02%																		0.0041	0.0041	0.0041	0.0041		
		In conduit PVC HI dia. 20 mm	0.00%																							
		Inst. outlet telephone (cabel Tray U 100 cmx200 cm)incl.supore & mate	0.07%																		0.0176	0.0176	0.0176	0.0176		
E.		JOB INSTALATION FIRE ALARM	0.00%																							
		MCFE (Semi Addressible)	0.11%																							
		MDF Fire Alarm	0.00%																							
		Line SURGE ARRESTER	0.00%																							
		Power SURGE ARRESTER	0.00%																							
		BATTERY JAM TYPE NICAD RECHARGEABLE	0.00%																							
		RECTIFIER	0.01%																							
		Grounding system	0.00%																							
		ANNUNCIATOR at SECURITY	0.03%																							
		JB FA	0.01%																							

CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
 PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1			Month 2			Month 3			Month 4			Month 5			Month 6			Month 7			Month 8			Month 9			Month 10			Month 11			REMARKS
				MAY 2015	JUN 2015	JUL 2015	AUG 2015	SEP 2015	OCT 2015	NOV 2015	DEC 2015	JAN 2016	FEB 2016	MAR 2016																							
		Smoke detector	0.02%																																		
		Manual Break glass push bottom	0.00%																																		
		Alarm bell	0.00%																																		
		Indicator lamp	0.00%																																		
		Extinguisher 3.5 kg + Glass box	0.00%																																		
F.		Inst. fire alarm (cabel NYA 2x1.5 mm + conduit)	0.01%																							0.0048	0.0048	0.0048									
		JOB INSTALATION CCTV	0.00%																																		
		TV Monitor 21"	0.04%																																		
		TV Monitor 14"	0.00%																																		
		Video Manager	0.02%																																		
		KBD Digital Keyboard	0.03%																																		
		Arrestor	0.01%																																		
		DVR 16 channel	0.07%																																		
		UPS ( Battery Back Up 2KA )	0.03%																																		
		Cabel conecion	0.00%																																		
		Rack RU	0.01%																																		
		Dome camera	0.02%																																		
		Inst. CCTV Cabel RC-6 + conduit	0.00%																																		
G.		Inst. Cabel Power (NYM 3x2.5mm + conduit)	0.00%																																		
		JOB INSTALLATION LAN	0.00%																																		
		TV Monitor 21"	0.00%																																		
		Server	0.04%																																		
		UPS cap 2000 va	0.03%																																		
		Switch Hub 16 port	0.00%																																		
		Pach Panel 16 port	0.01%																																		
		Internet Server Provider	0.04%																																		
		Rack	0.00%																																		
		Access Point	0.01%																																		
		Out let Data RJ 45	0.00%																																		
		Installation Acces Poin (cable utp cat 6e)	0.00%																																		
		Installation data (cable utp cat 6e)	0.01%																																		
		Inst. power (cable NYM 3x2.5 mm)	0.00%																																		
H.		JOB INSTALLATION AC	0.00%																																		
		Inst. AC 1Phase/220 Volt	0.01%																																		
		Instalasi pipa drain AC pipa PVC Ø 25mm2 / H	0.00%																																		
		AC Ducting cap 100.000 Buh/3.000Cfm	0.51%																																		
		AC Ducting cap 80.000 Buh/2.000Cfm	0.16%																																		
		AC Split cap 2.5pk	0.10%																																		
		AC Split cap 2pk	0.09%																																		
		Outdoor AC Multi V Cap. 420.000 Buh/ Incl. Pipe Refrigerant	0.02%																																		
		Pipa drain 25 mm terisolasi	0.00%																																		
		Pipa drain 20 mm terisolasi	0.00%																																		
		Flexibel duc 4"	0.03%																																		
		Plenum box supply	0.01%																																		
		Plenum box Reclure	0.03%																																		
		Ducting TD Foam 700x400	0.00%																																		
		Ducting TD Foam 700x300	0.00%																																		
		Ducting TD Foam 700x250	0.01%																																		
		Ducting TD Foam 600x450	0.01%																																		
		Ducting TD Foam 600x350	0.00%																																		
		Ducting TD Foam 500x350	0.01%																																		
		Ducting TD Foam 400x300	0.01%																																		
		Ducting TD Foam 350x200	0.01%																																		
		Ducting TD Foam 300x250	0.01%																																		
		Ducting TD Foam 250x200	0.05%																																		
		Supply Air Grill 30x30	0.04%																																		
		Reatam air grill	0.02%																																		
A.		JOB INSTALATION CLEAN WATER	0.00%																																		
		Ø 15 mm / 1/2"	0.00%																																		



CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
 PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1		Month 2		Month 3		Month 4		Month 5		Month 6		Month 7		Month 8		Month 9		Month 10		Month 11		REMARKS	
				MAY 2015	JUN 2015	JUL 2015	AUG 2015	SEP 2015	OCT 2015	NOV 2015	DEC 2015	JAN 2016	FEB 2016	MAR 2016													
B.		Box Panel Office 2nd floor	0.02%																								
		Box Panel	0.01%																								
		MCCB 3 Phase 140-200 A /36KA	0.01%																								
		MCCB 3 Phase 200 A /36KA	0.00%																								
		MCCB 3 Phase 100 A /36KA	0.00%																								
		MCB 1 Phase 16 A/4.5 KA	0.00%																								
		MCB 1 Phase 10 A/4.5 KA	0.00%																								
		Ampex meter	0.00%																								
		Wall meter	0.00%																								
		VSS	0.00%																								
		Fuse 2 A	0.00%																								
		Indication Lamp	0.00%																								
		Cu Bar	0.00%																								
		Box Panel + Wiring	0.01%																								
C.		Box Panel outdoor AC Office	0.00%																								
		Box Panel AC	0.02%																								
		MCCB 3 Phase 160-200 A /36KA	0.01%																								
		MCCB 3 Phase 160-200 A /36KA	0.02%																								
		Ampex meter	0.00%																								
		Wall meter	0.00%																								
		VSS	0.00%																								
		Fuse 2 A	0.00%																								
		Indication Lamp	0.00%																								
		Cu Bar	0.00%																								
		Box Panel + Wiring	0.00%																								
D.		JOB INSTALATION TELEPON	0.00%																								
		Jurction Box Telepon 20 pair	0.00%																								
		Outlet Telepon	0.00%																								
		Telephone	0.01%																								
		Inst. outlet telephone (cabel TTC 2 x 2 x d 0.6 mm)	0.01%																								
		from conduit PVC HI dia. 20 mm	0.00%																								
		Inst. outlet telephone (cabel Tray U 100 cmx200 cm)incl supore & mate	0.14%																								
F.		INSTALATION FIRE ALARM	0.00%																								
		JB-SS	0.01%																								
		Smoke detector	0.02%																								
		Manual break glass push bottom	0.00%																								
		Alarm bell	0.00%																								
		Indicator lamp	0.00%																								
		Extinguisher 3.5 kg + Glass box	0.00%																								
		Inst. Fire alarm (cabel NYA 2 x1,5mm + conduit)	0.05%																								
		Dome camera	0.01%																								
		Inst. CCTV Cabel RG-6 + conduit	0.00%																								
		Inst. Cabel Power (NYM 3x2,5mm + conduit)	0.01%																								
		DVR 16 channel	0.01%																								
		Video Manager	0.01%																								
		KBG Digital Keyboard	0.01%																								
		TV Monitor 21"	0.00%																								
H.		JOB INSTALATION LAN	0.00%																								
		Access Point	0.01%																								
		Out let Data RJ 45	0.00%																								
		Installation Acces Poin (cable utp cat 6e)	0.00%																								
		Installation data (cable utp cat 6e)	0.01%																								
		Inst. power (cable NYM 3x2,5 mm)	0.00%																								
I.		JOB INSTALATION AC	0.00%																								
1.		Inst. AC 1Phase/220 Volt	0.01%																								
4.		2 Spk AC	0.12%																								
5.		2PK AC	0.02%																								
8.		Pipa drain 25 mm terisolasi	0.00%																								
9.		Pipa drain 20 mm terisolasi	0.00%																								

CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
 PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1		Month 2		Month 3		Month 4		Month 5		Month 6		Month 7		Month 8		Month 9		Month 10		Month 11		REMARKS
				MAY 2015	JUN 2015	JUL 2015	AUG 2015	SEP 2015	OCT 2015	NOV 2015	DEC 2015	JAN 2016	FEB 2016	MAR 2016												
V.		PEKERJAAN PLUMBING	0.00%																							
		Ø 15 mm / 1/2"	0.00%																		0.0013	0.0013				
		Ø 20 mm / 1/4"	0.00%																		0.0011	0.0011	0.0011			
		Ø 25 mm / 1"	0.00%																		0.0009	0.0009	0.0009			
		Ø 32 mm / 1 1/4"	0.00%																		0.0010	0.0010	0.0010			
		Ø 40 mm / 1 1/2"	0.00%																		0.0005	0.0005	0.0005			
		Ø 80 mm / 3" (PIPA HIDER AIR BERSIH)	0.00%																		0.0003	0.0003	0.0003			
		Gate Valve Ø 50 mm / 2"	0.00%																						0.0009	
		Gate Valve Ø 40 mm / 1 1/2"	0.00%																						0.0006	
		Gate Valve Ø 25 mm / 1"	0.00%																						0.0005	
		Booster Pump - ch/assessors	0.13%																						0.0672	
B.		JOB INSTALATION WAST WATER	0.00%																							
		pipa Ø 150 mm / 6" (PVC "AW")	0.00%															0.0009	0.0009	0.0009	0.0009					
		pipa Ø 100 mm / 4" (PVC "AW")	0.01%															0.0019	0.0019	0.0019	0.0019					
		Pipa Ø 80 mm / 3" (PVC "AW")	0.00%															0.0012	0.0012	0.0012	0.0012					
		pipa Ø 50 mm / 2" (PVC "AW")	0.00%															0.0012	0.0012	0.0012	0.0012					
		Floor drain Ø 50	0.00%																						0.0030	
		Clean Out Ø 50	0.00%																						0.0007	
		Clean Out Ø 100	0.00%																						0.0011	
C.		INSTALATION HYDRANT	0.00%																							
		Pipa BSP Sch 40 medium dia.80 (3")	0.01%																		0.0035	0.0035	0.0035	0.0035		
		Pipa BSP Sch 40 medium dia. 65 (2 1/2")	0.00%																		0.0007	0.0007	0.0007	0.0007		
		Filling & alat bantu	0.01%																		0.0015	0.0015	0.0015	0.0015		
		Box Hydrant type B (1250X750X180) Indoor Cat Oven	0.02%																						0.0101	
D.		INST. SPRINKLER 1st FLOOR	0.00%																						0.0101	
		Pipa BSP Sch 40 medium dia.100 (4")	0.00%																		0.0012	0.0012	0.0012	0.0012		
		Pipa BSP Sch 40 medium dia.80 (3")	0.01%																		0.0021	0.0021	0.0021	0.0021		
		Pipa BSP Sch 40 medium dia. 65 (2 1/2")	0.01%																		0.0033	0.0033	0.0033	0.0033		
		Pipa BSP Sch 40 medium dia. 50 (2")	0.01%																		0.0015	0.0015	0.0015	0.0015		
		Pipa BSP Sch 40 medium dia. 40 (1 1/2")	0.01%																		0.0014	0.0014	0.0014	0.0014		
		Pipa BSP Sch 40 medium dia. 32 (1 1/4")	0.00%																		0.0012	0.0012	0.0012	0.0012		
		Pipa BSP Sch 40 medium dia. 25 (1")	0.02%																		0.0054	0.0054	0.0054	0.0054		
		Filling & alat bantu	0.00%																						0.0016	
		BCV (Branch Control Valve)	0.02%																						0.0082	
		- Gate Valve dia. 80	0.01%																						0.0025	
		- Gate Valve Ø25	0.00%																						0.0002	
		- Flowswitch 80	0.01%																						0.0029	
		- Pressure Gauge	0.00%																						0.0003	
		- Pendant	0.01%																						0.0095	
E.		JOB INSTALATION WAST WATER (RISER)	0.00%																							
		pipa Ø 150 mm / 6" (PVC "AW")	0.01%															0.0027	0.0027	0.0027	0.0027					
		pipa Ø 100 mm / 4" (PVC "AW")	0.01%															0.0014	0.0014	0.0014	0.0014					
		Ø 50 mm / 2" PIPA PVC "D" (pipa Ventilasi)	0.00%															0.0005	0.0005	0.0005	0.0005					
F.		JOB INSTALATION CLEAR WATER (RISER)	0.00%																							
		Ø 25 mm / 1"	0.00%																							
		Ø 50 mm / 2"	0.00%																		0.0005	0.0005	0.0005	0.0005		
G.		RAINWATER GUTLER (RISER)	0.00%																		0.0008	0.0008	0.0008	0.0008		
		pipa Ø 100 mm / 4" (PVC "AW")	0.02%																						0.0073	
		Roof Drain Ø 100 mm / 40 100 mm / 4"	0.00%																		0.0008	0.0008	0.0008			
		DORMITORY BUILDING	0.00%																							
I.		INST.CABLE FEDEER	0.00%																							
		Cable Feeder NYY 4X70 mm2	0.01%																						0.0033	
		Cable NYY 4X25mm2	0.01%																						0.0030	
I		MECHANICAL AND ELECTRICAL 1nd Floor	0.00%																							
A.		Installation Electrical 1nd Floor	0.00%																							
		Light TBS 2x19wLed	0.06%																						0.0162	
		Down Light 9w.Led (Bulb)	0.01%																						0.0028	
		Down Light 5w.Led (Bulb)	0.00%																						0.0004	





CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
 PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1		Month 2		Month 3		Month 4		Month 5		Month 6		Month 7		Month 8		Month 9		Month 10		Month 11		REMARKS
				MAY 2015	JUN 2015	JUL 2015	AUG 2015	SEP 2015	OCT 2015	NOV 2015	DEC 2015	JAN 2016	FEB 2016	MAR 2016												
A.		Box Panel - Wiring	0.00%																							
		Installation Telephone 2nd Floor	0.00%																							
		Junction Box Telepon 20 pair	0.00%																							
		Outlet Telepon	0.00%																							
		Telephone	0.00%																							
		Inst. outlet telephone (cabel ITC 2 x 2 x d.0.6 mm)	0.01%																							
G.		Installation Cable feeder. Cable ITC 10x2x0.6mm2 (o) PVC HI dia. 20mm	0.00%																							
		INSTALACION LAN	0.00%																							
		Switch Hub 16 port	0.00%																							
		Patch Panel 16 port	0.01%																							
		Out let Data RJ 45	0.00%																							
		Installation data (cable utp cat 6e)	0.00%																							
E.		Installation MATV 2nd Floor	0.00%																							
		Terminal Box MATV	0.00%																							
		Booster	0.00%																							
		Splitter 2 Way	0.00%																							
		Splitter 4 Way	0.00%																							
		TV Outlet	0.00%																							
E.		Coaxial Cable RG-6 + Pipa Condukt 20mm	0.00%																							
		JOB INSTALATION FIRE ALARM	0.00%																							
		JB FA	0.01%																							
		RDR Detector	0.03%																							
		Manual break glass push bottom	0.00%																							
		Alarm bell	0.00%																							
III		Indicator lamp	0.00%																							
		Extinguisher 3.5 kg + Glass box	0.00%																							
		Inst. fire alarm (cabel NYA 2x1.5 mm + conduit)	0.02%																							
		PEKERJAAN PLUMBING	0.00%																							
		INSTALATION CLEAN WATER	0.00%																							
		Ø 15 mm / 1/2"	0.01%																							
A.		Ø 20 mm / 1/4"	0.00%																							
		Ø 25 mm / 1"	0.00%																							
		Ø 32 mm / 1 1/4"	0.00%																							
		Ø 40 mm / 1 1/2"	0.00%																							
		Ø 50 mm / 2"	0.00%																							
		Gate Valve Ø 20 mm / 3/4"	0.00%																							
		Water Heater Cap 30 ltr	0.07%																							
		Ø 20 mm / 1/4" (PN.20)	0.00%																							
		Ø 15 mm / 1/2" (PN.20)	0.00%																							
		Gate Valve Ø 50 mm / 2"	0.00%																							
		Gate Valve Ø 40 mm / 1 1/2"	0.00%																							
		Gate Valve Ø 32 mm / 1 1/4"	0.00%																							
		Gate Valve Ø 25 mm / 1"	0.00%																							
		Roof Tank Cap.4m3 c/w accessories	0.00%																							
		Booster pump c/w accessories 35 liter/ml.	0.06%																							
		Roof Tank Cap.2m3 c/w accessories	0.09%																							
	B.		INSTALATION WASTEWATER	0.00%																						
			pipa Ø 100 mm / 4" (PVC "AW")	0.01%																						
		Pipa Ø 80 mm / 3" (PVC "AW")	0.01%																							
		Pipa Ø 65 mm / 2.5" (PVC "AW")	0.01%																							
		pipa Ø 50 mm / 2" (PVC "AW")	0.00%																							
		Floor drain Ø 50	0.01%																							
C.		Clean Out Ø 50	0.00%																							
		Clean Out Ø 100	0.01%																							
		INSTALATION WAST WATER (RISER)	0.00%																							
		pipa Ø 125 mm / 5" (PVC "AW")	0.03%																							
		pipa Ø 100 mm / 4" (PVC "AW")	0.02%																							
		Ø 50 mm / 2" PIPA PVC "D" (pipa Ventilasi)	0.01%																							
D.	INSTALATION CLEAR WATER (RISER)	0.00%																								



CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
 PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1		Month 2		Month 3		Month 4		Month 5		Month 6		Month 7		Month 8		Month 9		Month 10		Month 11		REMARKS	
				MAY 2015	JUN 2015	JUL 2015	AUG 2015	SEP 2015	OCT 2015	NOV 2015	DEC 2015	JAN 2016	FEB 2016	MAR 2016													
		Socket Outlet 1 Phase, 200 VA	0.00%																								
		Single Switch, 30 amp.	0.00%																								
		Single Switch, 10A	0.00%																								
		Double Single Switch, 10A	0.00%																								
		Inst. Lighting, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.04%																								
		Inst. Socket Outlet, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.01%																								
		Cable NYM 4x6 mm <sup>2</sup>	0.00%																								
		Material Bantu	0.01%																								
F.		Lighting Panel 2nd Floor (2.1)	0.00%																								
		MCCB 3 Phase 40 A/36 KA	0.00%																								
		MCB 1 Phase 10 A/4.5 KA	0.00%																								
		MCB 1 Phase 16 A/4.5 KA	0.00%																								
		Fuse 2 A	0.00%																								
		Indication Lamp.	0.00%																								
		Cu Bar	0.00%																								
		Box Panel + Wiring	0.00%																								
G.		Installation Electrical 2nd Floor (2.2)	0.00%																								
		Lamp: TMSR 2X19 WATT, LED, Reflektor	0.06%																								
		Exhaust Fan Toilet 250 dm <sup>3</sup> /50 Watt	0.04%																								
		Socket Outlet 1 Phase, 200 VA	0.00%																								
		Socket Outlet 1 Phase, 200 VA	0.00%																								
		Single Switch, 30 amp.	0.00%																								
		Single Switch, 10A	0.00%																								
		Double Single Switch, 10A	0.00%																								
		Inst. Lighting, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.04%																								
		Inst. Socket Outlet, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.01%																								
		Cable NYM 4x6 mm <sup>2</sup>	0.00%																								
		Material Bantu	0.01%																								
H.		Lighting Panel 2nd Floor (2.2)	0.00%																								
		MCCB 3 Phase 40 A/36 KA	0.00%																								
		MCCB 3 Phase 20 A/37 KA	0.00%																								
		MCB 1 Phase 10 A/4.5 KA	0.00%																								
		MCB 1 Phase 16 A/4.5 KA	0.00%																								
		Fuse 2 A	0.00%																								
		Indication Lamp.	0.00%																								
		Cu Bar	0.00%																								
		Box Panel + Wiring	0.00%																								
I.		Installation Sound System	0.00%																								
		Power Amplifier 240 W	0.01%																								
		Paging Microphone & Chime Tone + Key Pad	0.00%																								
		Main Selector Switch	0.00%																								
		Main Distribution Frame (MDF) Sound System	0.00%																								
		Kabinet Rack lengkap blower junction dan aksesoris +	0.01%																								
		Horn Speaker 30W	0.00%																								
		Installation Sound System, Cable 3x2.5mm <sup>2</sup> (c) PVC HI dia. 20mm	0.01%																								
G.		INSTALLATION LAN (1)	0.00%																								
		Switch Hub 8 port	0.01%																								
		Patch Panel 8 port	0.00%																								
		Out let Data RJ 45	0.01%																								
		Access point with 4 port LAN	0.00%																								
		Installation data (cable utp cat 6e)	0.00%																								
G.		INSTALLATION LAN (2)	0.00%																								
		Switch Hub 8 port	0.01%																								
		Patch Panel 8 port	0.00%																								
		Out let Data RJ 45	0.01%																								
		Access point with 4 port LAN	0.00%																								
		Installation data (cable utp cat 6e)	0.00%																								
		Installation Telephone	0.00%																								
		Junction Box Telepon 20 pair	0.00%																								



CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
 PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (kg)	Month 1 MAY 2015			Month 2 JUN 2015			Month 3 JUL 2015			Month 4 AUG 2015			Month 5 SEP 2015			Month 6 OCT 2015			Month 7 NOV 2015			Month 8 DEC 2015			Month 9 JAN 2016			Month 10 FEB 2016			Month 11 MAR 2016			REMARKS	
				3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3		4
		Pipa BSP Sch 40 medium dia 80 (3")	0.01%																																			
		Pipa BSP Sch 40 medium dia .65 (2 1/2")	0.01%																																			
		Pilar Hydrant	0.05%																																			
		Gate Valve dia.150 (6")	0.02%																																			
		Gate Valve dia.100 (4")	0.03%																																			
		Main hole 60x60x60	0.04%																																			
		Box Hydrant type B (1250X750X180) Out door Cat Oven	0.02%																																			
		Box Hydrant type B (1250X750X180) Indoor Cat Oven	0.08%																																			
		WAREHOUSE BUILDING	0.00%																																			
		Installation Electrical 1nd Floor	0.00%																																			
A.		Lamp. TMSR 2X19 WATT LED_ Reflektor	0.25%																																			
		Exhaust Fan 350 cfm /150 Watt	0.08%																																			
		Socket Outlet 1 Phase, 200 VA	0.00%																																			
		Socket Outlet 1 Phase, 200 VA	0.00%																																			
		Single Switch, 30 amp.	0.01%																																			
		Single Switch 10A	0.00%																																			
		Double Single Switch 10A	0.00%																																			
		Grid Switch 12 Gang	0.00%																																			
		Inst. Lighting, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.18%																																			
		Inst. Socket Outlet, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.03%																																			
		Cable NYM 4X25mm <sup>2</sup>	0.00%																																			
		Material Bantu	0.03%																																			
B.		Lighting Panel 1nd Floor	0.00%																																			
		MCCB 3 Phase 100 A/36 KA	0.00%																																			
		MCCB 3 Phase 63 A/36 KA	0.00%																																			
		MCCB 3 Phase 40 A/36 KA	0.00%																																			
		MCB 1 Phase 10 A/4.5 KA	0.00%																																			
		MCB 1 Phase 16 A/4.5 KA	0.00%																																			
		Fuse 2 A	0.00%																																			
		Indication Lamp	0.00%																																			
		Cu Bar	0.00%																																			
		Box Panel + Wiring	0.00%																																			
C.		Installation Electrical 2nd Floor	0.00%																																			
		Lamp. TMSR 2X19 WATT LED_ Reflektor	0.27%																																			
		Exhaust Fan 350 cfm /150 Watt	0.08%																																			
		Socket Outlet 1 Phase, 200 VA	0.00%																																			
		Socket Outlet 1 Phase, 200 VA	0.00%																																			
		Single Switch, 30 amp.	0.01%																																			
		Single Switch 10A	0.00%																																			
		Double Single Switch 10A	0.00%																																			
		Grid Switch 12 Gang	0.00%																																			
		Inst. Lighting, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.20%																																			
		Inst. Socket Outlet, NYM 3x2.5 mm <sup>2</sup> (c) PVC HI dia. 20mm	0.02%																																			
		Cable NYM 4X25mm <sup>2</sup>	0.01%																																			
		Material Bantu	0.03%																																			
D.		Lighting Panel 2nd Floor	0.00%																																			
		MCCB 3 Phase 40 A/36 KA	0.00%																																			
		MCCB 3 Phase 16 A/36 KA	0.00%																																			
		MCB 1 Phase 10 A/4.5 KA	0.00%																																			
		MCB 1 Phase 16 A/4.5 KA	0.00%																																			
		Fuse 2 A	0.00%																																			
		Indication Lamp	0.00%																																			
		Cu Bar	0.00%																																			
		Box Panel + Wiring	0.00%																																			
E.		JOB INSTALLATION FIRE ALARM	0.00%																																			
		JB FA	0.01%																																			
		Smoke detector	0.15%																																			
		Manual break glass push bottom	0.00%																																			
		Alarm bell	0.00%																																			





CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
 PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1 MAY 2015		Month 2 JUN 2015		Month 3 JUL 2015		Month 4 AUG 2015		Month 5 SEP 2015		Month 6 OCT 2015		Month 7 NOV 2015		Month 8 DEC 2015		Month 9 JAN 2016		Month 10 FEB 2016		Month 11 MAR 2016		REMARKS		
				3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		1	2
		JB FA Modul	0.02%																									
		RDR Detektor	0.01%																									
		Fix detektor	0.00%																									
		Manual break glass push bottom	0.00%																									
		Alarm bell	0.00%																									
		Indicator lamp	0.00%																									
		Extinguisher 3.5 kg + Glass box	0.01%																									
		Inst. fire alarm (cabel NYA 2x1.5 mm + conduit)	0.02%																0.0044	0.0044	0.0044	0.0044						
E.		JOB INSTALATION TELEPON	0.00%																									
		Junction Box - Telepon 20 pair	0.00%																									
		Outlet Telepon	0.00%																									
		Telephone	0.00%																									
		Inst. outlet telephone (cabel ITC 2 x 2 x d.0.6 mm)	0.00%																0.0003	0.0003	0.0003	0.0003						
		in conduit PVC HI dia. 20 mm	0.00%																									
III.		MECHANICAL	0.00%																									
A.		INSTALATION CLEAN WATER	0.00%																									
		Ø 15 mm / 1/2"	0.01%																									
		Ø 20 mm / 3/4"	0.01%																									
		Ø 25 mm / 1"	0.00%																									
		Ø 32 mm / 1 1/4"	0.00%																									
		Ø 40 mm / 1 1/2"	0.00%																									
		Gate Valve Ø 40 mm / 1 1/2"	0.00%																									
		Gate Valve Ø 50 mm / 2"	0.00%																									
		Gate Valve Ø 65 mm / 2 1/2"	0.00%																									
		Bak kontrol 40x40	0.00%																									
B.		INSTALATION WASTWATER	0.00%																									
		Septic Tank Bio Filter Kap. 4 m <sup>3</sup>	0.06%																									
		pipa Ø 150 mm / 4" (PVC "AW")	0.01%																									
		pipa Ø 100 mm / 4" (PVC "AW")	0.01%																									
		pipa Ø 50 mm / 2" (PVC "AW")	0.01%																									
		Bak kontrol 60x60	0.15%																									
		Floor drain Ø 50	0.01%																									
		Clean Out Ø 50	0.00%																									
		Clean Out Ø 100	0.00%																									
C.		RAINWATER GUTLER (RISER)	0.00%																									
		pipa Ø 100 mm / 4" (PVC "AW")	0.03%																									
		Roof Drain Ø 100 mm / 40 100 mm / 4"	0.00%																									
I.		MEP INK ROOM	0.00%																									
A.		INST CABLE FEDEER	0.00%																									
1		Cable feeder NYFGBY 4x4mm <sup>2</sup> + BC 6mm <sup>2</sup>	0.00%																									
II.		PEKERJAAN ME LANTAI 1	0.00%																									
A.		INSTALATION LISTRIK	0.00%																									
1		Ligh TCW 2x19w.Led (Insulation Prof)	0.06%																									
2		Ligh T5 1x9w.Led (Insulation Prof)	0.01%																									
3		ExPhase Fan 250 dlm /150 Watt	0.03%																									
4		Socket Outlet 1 Phase, 200 VA (Insulation Prof)	0.00%																									
5		Single Switch 30A (Insulation Prof)	0.00%																									
6		Single Switch 10A (Insulation Prof)	0.00%																									
7		Double Single Switch 10A (Insulation Prof)	0.00%																									
8		Inst. Lighting, NYM 3x2.5 mm <sup>2</sup> (g) PVC HI dia. 20mm	0.03%																									
9		Inst. Socket Outlet, NYM 3x2.5 mm <sup>2</sup> (g) PVC HI dia. 20mm	0.01%																									
10		Inst. Ex-Fan, NYM 3x2.5 mm <sup>2</sup> (g) PVC HI dia. 20mm	0.01%																									
B.		Box Panel INK	0.00%																									
1		MCB 3 Phase 20 A /10KA	0.00%																									
2		MCB 1 Phase 16 A/4.5 KA	0.00%																									
3		MCB 1 Phase 10 A/4.5 KA	0.00%																									
4		Fuse 2 A	0.00%																									
5		Indicator lamp	0.00%																									
6		Cu Bar	0.00%																									

CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
 PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1		Month 2		Month 3		Month 4		Month 5		Month 6		Month 7		Month 8		Month 9		Month 10		Month 11		REMARKS
				MAY 2015	JUN 2015	JUL 2015	AUG 2015	SEP 2015	OCT 2015	NOV 2015	DEC 2015	JAN 2016	FEB 2016	MAR 2016	APR 2016	MAY 2016	JUN 2016	JUL 2016	AUG 2016	SEP 2016	OCT 2016	NOV 2016	DEC 2016	JAN 2017	FEB 2017	
7		Box Panel + Wiring	0.02%																							
E.		JOB INSTALLATION fire suppression	0.00%																							
		FACP lengkap Battery/MDF Alat-alat control dan Grounding	0.11%																							
		FM 200 Cylinder & Valve Assy, Capacity 560 Lb	0.04%																							
		Fire Evac c/w Amplifier & Terminal Box	0.03%																							
		Control Module for Fire Evac	0.00%																							
		Testing & Commissioning	0.02%																							
		Smoke detector	0.02%																							
		Manual Release Station	0.00%																							
		Manual Alarm Station	0.00%																							
		Fire Alarm Bell	0.00%																							
		Strobe Light With Horn	0.00%																							
		Evacuate Sign Lamp	0.00%																							
		Discharge Sign Lamp	0.00%																							
		Sound Speaker	0.01%																							
		TB Alarm incl. Madul dan instalasi	0.01%																							
		Nozzle incl. Instalasi gas fire suppression pipa BS SC 40	0.01%																							
III.		MEKANIKAL	0.00%																							
A.		INSTALLATION CLEAN WATER	0.00%																							
1.		Ø 15 mm / 1/2"	0.00%																							
2.		Ø 20 mm / 1/4"	0.00%																							
3.		Ø 25 mm / 1"	0.00%																							
4.		Gate Valve Ø 25 mm / 1"	0.00%																							
5.		Bak kontrol 40x40	0.00%																							
B.		INSTALLATION WASTEWATER	0.00%																							
1.		Blo Tank Filler Kap. 4 m <sup>3</sup>	0.06%																							
2.		Pipa Ø 40 mm / 1 1/2" (PVC "AW")	0.00%																							
3.		pipa Ø 50 mm / 2" (PVC "AW")	0.00%																							
4.		Bak kontrol 40x40	0.07%																							
5.		Floor drain Ø 50	0.00%																							
C.		RAINWATER GUTLER (RISER)	0.00%																							
1.		pipa Ø 100 mm / 4" (PVC "AW")	0.01%																							
2.		Ruff Drain Ø 100 mm / 40 100 mm / 4"	0.00%																							
I.		MEP GUARD HOUSE	0.00%																							
A.		INST. CABLE FEEDER	0.00%																							
		Cable feeder NYFGBY 4x4mm <sup>2</sup> + BC 6mm <sup>2</sup>	0.04%																							
		Cable feeder NYFGBY 4x4mm <sup>2</sup> + BC 6mm <sup>2</sup>	0.06%																							
II.		Guard House 1	0.00%																							
A.		INSTALLATION LISTRIK	0.00%																							
		Down Light 9w Led (Bulb)	0.00%																							
		Exhaust Fan Toilet 100 cm/50 Watt	0.01%																							
		Socket Outlet 1 Phase, 200 VA	0.00%																							
		Single Switch 10A	0.00%																							
		Double Single Switch 10A	0.00%																							
		Inst. Lighting NYM 3x2,5 mm <sup>2</sup> (ø) PVC HI dia. 20mm	0.01%																							
		Inst. Socket Outlet NYM 3x2,5 mm <sup>2</sup> (ø) PVC HI dia. 20mm	0.00%																							
B.		Box Panel Guard House 1	0.00%																							
		Box Panel	0.00%																							
		MCB 1 Phase 10 A/4,5 KA	0.00%																							
		MCB 1 Phase 16 A/4,5 KA	0.00%																							
		Box Panel + Wiring	0.00%																							
III.		MEKANIKAL	0.00%																							
A.		INSTALLATION CLEAN WATER	0.00%																							
		Ø 15 mm / 1/2"	0.01%																							
		Ø 20 mm / 1/4"	0.01%																							
		Ø 25 mm / 1"	0.00%																							
		Ø 32 mm / 1 1/4"	0.00%																							
		Ø 40 mm / 1 1/2"	0.00%																							
		Gate Valve Ø 40 mm / 1 1/2"	0.00%																							

CONSTRUCTION SCHEDULE DETAIL  
 SWANSON NEW FACTORY PROJECT  
 PT. SWANSON PLASTICS INDONESIA

NO.	Seq	DESCRIPTION	WEIGHT (%)	Month 1 MAY 2015			Month 2 JUN 2015			Month 3 JUL 2015			Month 4 AUG 2015			Month 5 SEP 2015			Month 6 OCT 2015			Month 7 NOV 2015			Month 8 DEC 2015			Month 9 JAN 2016			Month 10 FEB 2016			Month 11 MAR 2016			REMARKS		
				3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	3	4				
		Gate Valve Ø 50 mm / 2"	0.00%																					0.0004	0.0004														
		Gate Valve Ø 65 mm / 2½"	0.00%																					0.0021	0.0021														
		Bak kontrol 40x40	0.00%																				0.0008	0.0008															
B.		INSTALATION WAST WATER	0.00%																																				
		Septic Tank Bio Filter Kap. 2 m³	0.04%																				0.0377																
		pipa Ø 150 mm / 6" (PVC "AW")	0.01%																				0.0014	0.0014	0.0014	0.0014													
		pipa Ø 100 mm / 4" (PVC "AW")	0.01%																				0.0036	0.0036	0.0036	0.0036													
		pipa Ø 50 mm / 2" (PVC "AW")	0.01%																				0.0020	0.0020	0.0020	0.0020													
		Bak kontrol 60x60	0.15%																																				
		Floor drain Ø 50	0.01%																						0.0504	0.0504													
		Clean Out Ø 50	0.00%																																				
		Clean Out Ø 100	0.00%																																				
		Guard House 2	0.00%																																				
A.		INSTALATION LISTRIK	0.00%																																				
		Down Light 9w Led (Butt)	0.00%																																				
		Exhaust Fan Toilet 100 cfm /50 Watt	0.01%																																				
		Socket Outlet 1 Phase, 200 VA	0.00%																																				
		Single Switch 10A	0.00%																																				
		Duble Single Switch 10A	0.00%																																				
		Inst. Lighting NYM 3x2.5 mm² (ø) PVC HI dia. 20mm	0.01%																																				
		Inst. Socket Outlet NYM 3x2.5 mm² (ø) PVC HI dia. 20mm	0.00%																							0.0037	0.0037												
B.		Box Panel Guard House 2	0.00%																																				
		Box Panel	0.00%																																				
		MCB 1 Phase 10 A/4.5 KA	0.00%																																				
		MCB 1 Phase 16 A/4.5 KA	0.00%																																				
		Box Panel + Wiring	0.00%																																				
III.		Mechanical	0.00%																																				
A.		INSTALATION CLEAN WATER	0.00%																																				
		Ø 15 mm / 1/2"	0.03%																					0.0066	0.0066	0.0066	0.0066												
		Ø 20 mm / 1/4"	0.02%																					0.0052	0.0052	0.0052	0.0052												
		Ø 25 mm / 1"	0.00%																					0.0010	0.0010	0.0010	0.0010												
		Ø 32 mm / 1 1/4"	0.00%																					0.0010	0.0010	0.0010	0.0010												
		Ø 40 mm / 1 1/2"	0.00%																					0.0008	0.0008	0.0008	0.0008												
		Gate Valve Ø 40 mm / 1 1/2"	0.00%																																				
		Gate Valve Ø 50 mm / 2"	0.00%																																				
		Gate Valve Ø 65 mm / 2 1/2"	0.00%																																				
		Bak kontrol 40x40	0.00%																					0.0008	0.0008														
B.		INSTALATION WASTWATER	0.00%																																				
		Septic Tank Bio Filter Kap. 2 m³	0.00%																																				
		pipa Ø 150 mm / 6" (PVC "AW")	0.00%																					0.0003															
		pipa Ø 100 mm / 4" (PVC "AW")	0.01%																																				
		pipa Ø 50 mm / 2" (PVC "AW")	0.01%																					0.0035	0.0035	0.0035	0.0035												
		Bak kontrol 60x60	0.15%																																				
		Floor drain Ø 50	0.01%																																				
		Clean Out Ø 50	0.00%																																				
		Clean Out Ø 100	0.00%																																				
		HYDRANT SYSTEM	0.00%																																				
A.		INSTALATION HYDRANT SYSTEM	0.00%																																				
		Pipa BSP Sch 40 medium dia.150 (6") + Isolation	1.34%																																				
		Pipa BSP Sch 40 medium dia.100 (4") + Isolation	0.19%																																				
		Pipa BSP Sch 40 medium dia.80 (3")	0.01%																																				
		Pipa BSP Sch 40 medium dia. 65 (2 1/2")	0.01%																																				
		Pilar Hydrant	0.09%																																				
		Slames connection	0.01%																																				
		Gate Valve dia.150 (6")	0.03%																																				
		Gate Valve dia.100 (4")	0.09%																																				
		Cek Valve dia.100 (4")	0.02%																																				
		Main hole 60x60x60	0.22%																																				



