Total Works Area (New Clear Water Bay Road/Shun Lee Tsuen Road RIW)

22600 m²

1. General

1.1 Site Clearance

PME	Percentage			PME Size		Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)		
Dump Truck	50%	2.4	10	2	48	24		
Excavator	65%	3.2	8	2	51.2	33.28		
Lorry	50%	2.4	10	2	48	24		
					Total:	81.28		
	F	Percentage of Usage Area to Works Area:						

2. SLTR Slip Road

2.1 Cut Slope

PME	Percentage			PME Size		Area in term of					
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)					
Dump Truck	50%	2.4	10	2	48	24					
Excavator	65%	3.2	8	3	76.8	49.92					
	73.92										
	P	Percenta	ge of Us	sage Area to I	Percentage of Usage Area to Works Area:						

2.2 Slope Drainage

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Concrete Lorry Mixer	50%	2.4	10	1	24	12
Poker, Vibratory, Hand-held	30%	-	-	1	-	-
	12					
	- I	Percenta	ge of Us	sage Area to I	Norks Area:	0.1%

2.3 Retaining Walls

2.3.1 Foundation for Retaining Wall

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Piling Rig	50%	2.3	6	2	27.6	13.8
Air Compressor	50%	-	-	2	-	-
Crane Mobile	30%	2.6	10	2	52	15.6
Generator, Silenced	100%	-	-	2	-	-
Water Pump (electric)	100%	-	-	4	-	-
Concrete Lorry Mixer	50%	2.4	10	2	48	24
					Total:	53.4
	ŀ	Percenta	ge of Us	age Area to	Norks Area:	0.2%

2.3.2 Retaining Wall Structure

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	1	25.6	16.64
Generator, Silenced	100%	-	-	1	-	-
Bar bender and cutter (electric)	50%	-	-	1	-	-
Saw, Circular, Wood	50%	-	-	1	-	-
Poker, Vibratory, Hand-held	30%	-	-	1	-	-
Air Compressor	50%	-	-	1	-	-
Breaker, Hand-held	40%	-	-	1	-	-
Crane Mobile	30%	2.6	10	1	26	7.8
					Total:	72.44
	I	Percenta	ge of Us	sage Area to V	Vorks Area:	0.3%

Total Works Area (New Clear Water Bay Road/Shun Lee Tsuen Road RIW)

22600

 m^2

2.4 Backfilling of Slope

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	1	24	12	
Excavator	65%	3.2	8	1	25.6	16.64	
Road Roller	80%	3.2	8	1	25.6	20.48	
	49.12						
	Percentage of Usage Area to Works Area:						

2.5 Landscape Works for Slope

РМЕ	Percentage			PME Size	Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)	
Excavator	65%	3.2	8	2	51.2	33.28	
Lorry	50%	2.4	10	2	48	24	
					Total:	57.28	
		Percentage of Usage Area to Works Area:					

2.6 Demolition Works of Existing Carriageway / Verge

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	2	48	24	
Excavator	65%	3.2	8	2	51.2	33.28	
Breaker, Excavator Mounted	65%	3.2	8	2	51.2	33.28	
					Total:	90.56	
	· ·	0.4%					

2.7 Utility Installation

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	2	51.2	33.28
Compactor, Vibratory	50%	2.4	10	2	48	24
Air Compressor	50%	-	-	1	-	-
Breaker, Hand-held	40%	-	-	1	-	-
					Total:	57.28
	ı	Percenta	ae of Us	sage Area to l	Vorks Area:	0.3%

2.8 Formation of Carriageway

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	2	48	24	
Compactor, Vibratory	50%	2.4	10	1	24	12	
Road Roller	80%	3.2	8	1	25.6	20.48	
	56.48						
	F	0.2%					

Total Works Area (New Clear Water Bay Road/Shun Lee Tsuen Road RIW)

22600

 m^2

2.9 Pavement Construction

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	2	48	24	
Road Roller	80%	3.2	8	1	25.6	20.48	
Asphalt Paver	80%	3.2	8	1	25.6	20.48	
Paint Line Marker	65%	1	2	1	2	1.3	
Concrete Lorry Mixer	50%	2.4	10	2	48	24	
Poker, Vibratory, Hand-held	30%	-	-	2	-	-	
				•	Total:	90.26	
	ı	Percenta	ge of Us	age Area to V	Vorks Area:	0.4%	

3. Widening of NCWBR

3.1 Demolition of Existing Subway

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Breaker, Excavator Mounted	65%	3.2	8	2	51.2	33.28
Loader	50%	4.5	8	1	36	18
					Total:	108.56
	,	0.5%				

3.2 Reprovisioning of Existing Subway

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	1	24	12
Excavator	65%	3.2	8	1	25.6	16.64
Compactor, Vibratory	50%	2.4	10	1	24	12
Generator, Silenced	100%	-	-	1	-	-
Bar bender and cutter (electric)	50%	-	-	1	-	-
Saw, Circular, Wood	50%	-	-	1	-	-
Concrete Lorry Mixer	50%	2.4	10	1	24	12
Poker, Vibratory, Hand-held	30%	-	-	1	-	-
	•			•	Total:	52.64
		Percenta	ge of Us	sage Area to V	Vorks Area:	0.2%

Total Works Area (New Clear Water Bay Road/Shun Lee Tsuen Road RIW)

22600

 m^2

3.3 Demolition Works of Existing Carriageway / Central Median

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Breaker, Excavator Mounted	65%	3.2	8	2	51.2	33.28
					Total:	90.56
	I	0.4%				

3.4 Utility Installation

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	1	25.6	16.64
Compactor, Vibratory	50%	2.4	10	1	24	12
Air Compressor	50%	-	-	1	-	-
Breaker, Hand-held	40%	-	-	1	-	-
	•				Total:	28.64
	ı	0.1%				

3.5 Formation of Carriageway

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	2	48	24	
Compactor, Vibratory	50%	2.4	10	1	24	12	
Road Roller	80%	3.2	8	1	25.6	20.48	
					Total:	56.48	
	Percentage of Usage Area to Works Area:						

3.6 Pavement Construction

PME	Percentage			Area in term of				
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Dump Truck	50%	2.4	10	2	48	24		
Road Roller	80%	3.2	8	1	25.6	20.48		
Asphalt Paver	80%	3.2	8	1	25.6	20.48		
Paint line marker	65%	1	2	1	2	1.3		
Concrete Lorry Mixer	50%	2.4	10	2	48	24		
Poker, Vibratory, Hand-held	30%	-	-	2	-	-		
					Total:	90.26		
	Percentage of Usage Area to Works Area:							

Total Works Area (New Clear Water Bay Road/Shun Lee Tsuen Road RIW)

22600

 m^2

4. NE and NB of NCWBR Kowloon Bound

4.1 Pile Foundation at Verge

Piling Rig	50%	2.3	6	2	27.6	13.8
Air Compressor	50%	-	-	2	-	-
Crane Mobile	30%	2.6	10	2	52	15.6
Generator, Silenced	100%	-	-	2	-	-
Water Pump (electric)	100%	-	-	2	-	-
Concrete Lorry Mixer	50%	2.4	10	2	48	24
	•			•	Total:	53.4
	ı	0.2%				

4.2 Pile Cap at Verge

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	1	24	12
Excavator	65%	3.2	8	1	25.6	16.64
Generator, Silenced	100%	-	-	1	-	-
Bar Bender and Cutter (electric)	50%	-	-	1	-	-
Saw, Circular, Wood	65%	-	-	1	-	-
Crane Mobile	30%	2.6	10	1	26	7.8
Concrete Lorry Mixer	50%	2.4	10	1	24	12
Poker, Vibratory, Hand-held	30%	-	-	1	-	-
Air Compressor	50%	-	-	1	-	-
Breaker, Hand-held	30%	-	-	1	-	-
					Total:	48.44
	I	Percenta	ge of Us	sage Area to V	Vorks Area:	0.2%

4.3 NE Column Post at Verge

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Crane Mobile	30%	2.6	10	1	26	7.8
Lorry	50%	2.4	10	1	24	12
	19.8					
Percentage of Usage Area to Works Area:						0.1%

4.4 Pile Foundation at Central Median

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Piling Rig	50%	2.3	6	2	27.6	13.8
Air Compressor	50%	-	-	2	-	-
Crane Mobile	30%	2.6	10	2	52	15.6
Generator, Silenced	100%	-	-	2	-	-
Water Pump (electric)	100%	-	-	4	-	-
Concrete Lorry Mixer	50%	2.4	10	2	48	24
•	•				Total:	53.4
	1	Percenta	ge of Us	sage Area to V	Vorks Area:	0.2%

Total Works Area (New Clear Water Bay Road/Shun Lee Tsuen Road RIW)

22600

 m^2

4.5 Pile Cap at Central Median

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Generator, Silenced	100%	-	-	2	-	-
Bar Bender and Cutter (electric)	50%	-	-	2	-	-
Saw, Circular, Wood	65%	-	-	2	-	-
Crane Mobile	30%	2.6	10	2	52	15.6
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	30%	-	-	2	-	-
Breaker, Hand-held	30%	-	-	2	-	-
				•	Total:	96.88
	ı	Percenta	ge of Us	sage Area to V	Vorks Area:	0.4%

4.6 NE Column Post at Central Median

PME	Percentage	PME Size Area in term o						
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)		
Crane Mobile	30%	2.6	10	1	26	7.8		
Lorry	50%	2.4	10	1	24	12		
	19.8							
	ı	Percentage of Usage Area to Works Area:						

4.7 NE Roof Installation

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Crane Mobile	30%	2.6	10	2	52	15.6	
Cherry Picker	30%	3.2	8	2	51.2	15.36	
Lorry	50%	2.4	10	2	48	24	
					Total:	54.96	
	Percentage of Usage Area to Works Area:						

4.8 NB Column Post at Central Median

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Crane Mobile	30%	2.6	10	1	26	7.8
Lorry	50%	2.4	10	1	24	12
					Total:	19.8
	H	0.1%				

Total Works Area (New Clear Water Bay Road/Shun Lee Tsuen Road RIW)

22600

 m^2

4.9 Panel Installation

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Crane Mobile	30%	2.6	10	2	52	15.6	
Cherry Picker	30%	3.2	8	2	51.2	15.36	
Lorry	50%	2.4	10	2	48	24	
					Total:	54.96	
	F	0.2%					

5. NB of NCWBR SK Bound

5.1 Pile Foundation at Verge

Dilian Din	E00/	0.0	_	0	07.0	40.0
Piling Rig	50%	2.3	6	2	27.6	13.8
Air Compressor	50%	-	-	2	-	ı
Crane Mobile	30%	2.6	10	2	52	15.6
Generator, Silenced	100%	-	-	2	-	-
Water Pump (electric)	100%	-	-	4	-	-
Concrete Lorry Mixer	50%	2.4	10	2	48	24
					Total:	53.4
		0.2%				

5.2 Pile Cap at Verge

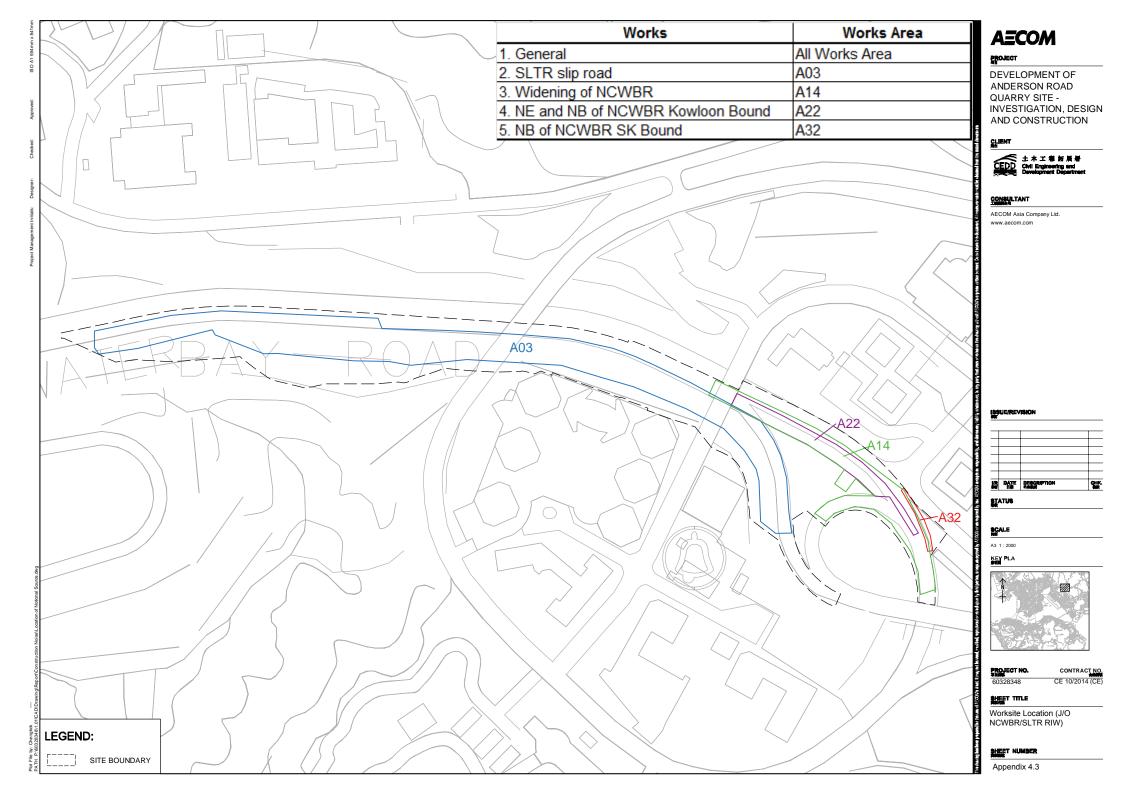
PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	1	24	12
Excavator	65%	3.2	8	1	25.6	16.64
Generator, Silenced	100%	-	-	1	-	-
Bar Bender and Cutter (electric)	50%	-	-	1	-	-
Saw, Circular, Wood	50%	-	-	1	-	-
Crane Mobile	30%	2.6	10	1	26	7.8
Concrete Lorry Mixer	50%	2.4	10	1	24	12
Poker, Vibratory, Hand-held	30%	-	-	1	-	-
Air Compressor	50%	-	-	1	-	-
Breaker, Hand-held	40%	-	-	1	-	-
					Total:	48.44
	- I	Percenta	ge of Us	sage Area to V	Vorks Area:	0.2%

5.3 NB Column Post at Verge

РМЕ	Percentage		PME Size Area in					
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Crane Mobile	30%	2.6	10	1	26	7.8		
Lorry	50%	2.4	10	1	24	12		
	19.8							
	Percentage of Usage Area to Works Area:							

5.4 Panel Installation

РМЕ	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Crane Mobile	30%	2.6	10	1	26	7.8
Cherry Picker	30%	3.2	8	2	51.2	15.36
Lorry	50%	2.4	10	1	24	12
	35.16					
	0.2%					



Total Area of Works Area (Clear Water Bay Road / On Sau Road RIW)

= 21100

 ${\rm m}^{\rm 2}$

1. General

1.1 Site Clearance

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	2	48	24	
Excavator	65%	3.2	8	2	51.2	33.28	
Lorry	50%	2.4	10	2	48	24	
					Total:	81.28	
	Percentage of Usage Area to Works Area:						

2. U-turn Facility at CWBR 2.1 Cut Slope

PME	Percentage		PME Size Area in term of					
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Dump Truck	50%	2.4	10	2	48	24		
Excavator	65%	3.2	8	2	51.2	33.28		
	57.28							
	Vorks Area:	0.3%						

2.2 Slope Drainage

PME	Percentage		PME Size Area in t					
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Concrete Lorry Mixer	50%	2.4	10	1	24	12		
Poker, Vibratory, Hand-held	30%	-	-	1	-	-		
	12							
	Percentage of Usage Area to Works Area:							

2.3 Retaining Walls

2.3.1 Foundation for Retaining Wall

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Piling Rig	50%	2.3	6	1	13.8	6.9
Air Compressor	50%	-	-	1	-	-
Crane Mobile	30%	2.6	10	1	26	7.8
Generator, Silenced	100%	-	-	1	-	-
Water Pump (electric)	100%	-	-	2	-	-
Concrete Lorry Mixer	50%	2.4	10	1	24	12
					Total:	26.7
		Percenta	ge of Us	sage Area to l	Norks Area:	0.1%

2.3.2 Petaining Wall Structure

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Concrete Lorry Mixer	50%	2.4	10	1	24	12
Dump Truck	50%	2.4	10	1	24	12
Excavator	65%	3.2	8	1	25.6	16.64
Generator, Silenced	100%	-	-	1	-	-
Bar bender and cutter (electric)	50%	-	-	1	-	-
Saw, Circular, Wood	50%	-	-	1	-	-
Poker, Vibratory, Hand-held	30%	-	-	1	-	-
Air Compressor	50%	-	-	1	-	-
Breaker, Hand-held	40%	-	-	1	-	-
Crane Mobile	30%	2.6	10	1	26	7.8
	<u>-</u>	-			Total:	48.44
		Percenta	ae of Us	sage Area to V	Vorks Area:	0.2%

Total Area of Works Area (Clear Water Bay Road / On Sau Road RIW)

21100

 $\,m^2\,$

2.4 Backfilling of Slope

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	2	48	24	
Excavator	65%	3.2	8	2	51.2	33.28	
Road Roller	80%	3.2	8	2	51.2	40.96	
					Total:	98.24	
	Percentage of Usage Area to Works Area:						

2.5 Landscape Works for Slope

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	2	51.2	33.28
Lorry	50%	2.4	10	2	48	24
	57.28					
	ı	Percenta	ge of Us	sage Area to l	Vorks Area:	0.3%

2.6 Demolition Works of Existing Carriageway / Verge

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	1	25.6	16.64
Breaker, Excavator Mounted	65%	3.2	8	1	25.6	16.64
					Total:	57.28
		Percenta	ge of Us	age Area to V	Vorks Area:	0.3%

2.7 Utility Installation

PME	Percentage	Percentage PME Size					
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)	
Excavator	65%	3.2	8	1	25.6	16.64	
Compactor, Vibratory	50%	2.4	10	1	24	12	
Air Compressor	50%	-	-	1	-	-	
Breaker, Hand-held	40%	-	-	1	-	-	
					Total:	28.64	
	ı	0.1%					

2.8 Formation of Carriageway

PME	Percentage			PME Size	Area in term of			
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)		
Dump Truck	50%	2.4	10	3	72	36		
Compactor, Vibratory	50%	2.4	10	1	24	12		
Road Roller	80%	3.2	8	1	25.6	20.48		
					Total:	68.48		
	ı	Percentage of Usage Area to Works Area:						

Total Area of Works Area (Clear Water Bay Road / On Sau Road RIW)

21100

 ${\rm m}^{\rm 2}$

2.9 Pavement Construction

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	3	72	36
Road Roller	80%	3.2	8	1	25.6	20.48
Asphalt Paver	80%	3.2	8	1	25.6	20.48
Paint line marker	65%	1	2	1	2	1.3
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	30%	-	-	2	-	-
					Total:	102.26
	I	0.5%				

3. Slopeworks at CWBR SK Bound

3.1 Cut Slope

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	1	25.6	16.64
	40.64					
	Percentage of Usage Area to Works Area:					

3.2 Retaining Wall Structure

PME	Percentage	Percentage PME Size						
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Concrete Lorry Mixer	50%	2.4	10	2	48	24		
Dump Truck	50%	2.4	10	2	48	24		
Excavator	65%	3.2	8	1	25.6	16.64		
Generator, Silenced	100%	-	-	1	-	-		
Bar bender and cutter (electric)	50%	-	-	1	-	-		
Saw, Circular, Wood	50%	-	-	1	-	-		
Poker, Vibratory, Hand-held	30%	-	_	1	-	-		
Air Compressor	50%	-	-	1	-	-		
Breaker, Hand-held	40%	-	-	1	-	-		
Crane Mobile	30%	2.6	10	1	26	7.8		
	•	-			Total:	72.44		
	<u> </u>	Percenta	ge of Us	sage Area to V	Vorks Area:	0.3%		

3.3 Backfilling of Slope

PME	Percentage	Percentage PME Size					
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	1	24	12	
Excavator	65%	3.2	8	1	25.6	16.64	
Road Roller	80%	3.2	8	1	25.6	20.48	
	•				Total:	49.12	
	F	Percenta	ge of Us	sage Area to V	Vorks Area:	0.2%	

Total Area of Works Area (Clear Water Bay Road / On Sau Road RIW)

21100

 ${\rm m}^{\rm 2}$

3.4 Slope Drainage

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Concrete Lorry Mixer	50%	2.4	10	1	24	12
Poker, Vibratory, Hand-held	30%	-	•	1	-	=
	12					
	Percentage of Usage Area to Works Area:					

3.5 Landscape Works for Slope

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Excavator	65%	3.2	8	2	51.2	33.28	
Lorry	50%	2.4	10	2	48	24	
	57.28						
	Percentage of Usage Area to Works Area:						

4. CWBR SK Bound

4.1 Demolition Works of Existing Carriageway / Footpath / Central Median

PME	Percentage		Area in term of				
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	6	144	72	
Excavator	65%	3.2	8	2	51.2	33.28	
Breaker, Excavator Mounted	65%	3.2	8	2	51.2	33.28	
	138.56						
	Percentage of Usage Area to Works Area:						

4.2 Utility Installation

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	1	25.6	16.64
Compactor, Vibratory	50%	2.4	10	1	24	12
Air Compressor	50%	-	-	1	-	-
Breaker, Hand-held	40%	-	-	1	-	-
	<u> </u>	-	-	-	Total:	28.64
	-	Percenta	ae of Us	sage Area to V	Vorks Area:	0.1%

4.3 Formation of Carriageway

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	3	72	36	
Compactor, Vibratory	50%	2.4	10	1	24	12	
Road Roller	80%	3.2	8	1	25.6	20.48	
					Total:	68.48	
	Percentage of Usage Area to Works Area:						

Total Area of Works Area (Clear Water Bay Road / On Sau Road RIW)

21100

 ${\rm m}^{\rm 2}$

4.4 Pavement Construction

PME	Percentage			Area in term of				
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Dump Truck	50%	2.4	10	3	72	36		
Road Roller	80%	3.2	8	1	25.6	20.48		
Asphalt Paver	80%	3.2	8	1	25.6	20.48		
Paint line marker	65%	1	2	1	2	1.3		
Concrete Lorry Mixer	50%	2.4	10	2	48	24		
Poker, Vibratory, Hand-held	30%	-	-	2	-	-		
					Total:	102.26		
	Percentage of Usage Area to Works Area:							

4.5 Roadside Landscape

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	1	25.6	16.64
Lorry	50%	2.4	10	1	24	12
	28.64					
Percentage of Usage Area to Works Area:						0.1%

5. CWBR Kowloong Bound & OSR

5.1 Cut Slope

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	3	72	36	
Excavator	65%	3.2	8	1	25.6	16.64	
	52.64						
	F	Percentage of Usage Area to Works Area:					

5.2 Demolition Works of Existing Carriageway / Footpath / Central Median

PME	Percentage		PME Size Area in term of					
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)		
Dump Truck	50%	2.4	10	2	48	24		
Excavator	65%	3.2	8	2	51.2	33.28		
Breaker, Excavator Mounted	65%	3.2	8	2	51.2	33.28		
	90.56							
	0.4%							

5.3 Utility Installation

PME	Percentage PME Size						
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)	
Excavator	65%	3.2	8	1	25.6	16.64	
Compactor, Vibratory	50%	2.4	10	1	24	12	
Air Compressor	50%	-	-	1	-	-	
Breaker, Hand-held	40%	-	-	1	-	-	
					Total:	28.64	
	ı	0.1%					

Total Area of Works Area (Clear Water Bay Road / On Sau Road RIW)

21100

 ${\rm m}^{\rm 2}$

5.4 Formation of Carriageway

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Compactor, Vibratory	50%	2.4	10	1	24	12
Road Roller	80%	3.2	8	1	25.6	20.48
					Total:	56.48
	ı	0.3%				

5.5 Pavement Construction

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	3	72	36
Road Roller	80%	3.2	8	1	25.6	20.48
Asphalt Paver	80%	3.2	8	1	25.6	20.48
Paint line marker	65%	1	2	1	2	1.3
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	30%	-	-	2	-	-
	•		-		Total:	102.26
	ŀ	Percenta	ge of Us	sage Area to V	Vorks Area:	0.5%

5.6 Roadside Landscape

PME	Percentage			Area in term of			
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Excavator	65%	3.2	8	1	25.6	16.64	
Lorry	50%	2.4	10	1	24	12	
					Total:	28.64	
	ı	Percentage of Usage Area to Works Area:					

6. Semi-NE Column Post at Verge 6.1 Pile Foundation at Verge

<u>0:11 ne i odnadijon at verge</u>						
Piling Rig	50%	2.3	6	3	41.4	20.7
Air Compressor	50%	-	-	3	-	-
Crane Mobile	30%	2.6	10	3	78	23.4
Generator, Silenced	100%	-	-	3	-	-
Water Pump (electric)	100%	-	-	6	-	-
Concrete Lorry Mixer	50%	2.4	10	3	72	36
					Total:	80.1
		0.4%				

Total Area of Works Area (Clear Water Bay Road / On Sau Road RIW)

21100 m²

6.2 Pile Cap at Verge

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Generator, Silenced	100%	-	-	2	-	-
Bar Bender and Cutter (electric)	50%	-	-	2	-	=
Saw, Circular, Wood	65%	-	-	2	-	=
Crane Mobile	30%	2.6	10	2	52	15.6
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	30%	-	-	2	-	=
Air Compressor	50%	-	-	1	-	=
Breaker, Hand-held	30%	-	-	2	-	-
					Total:	96.88
	0.5%					

6.3 Semi-NE Column Post at Verge

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Crane Mobile	30%	2.6	10	2	52	15.6
Lorry	50%	2.4	10	2	48	24
	39.6					
	ı	sage Area to l	0.2%			

6.4 Pile Foundation at Central Median

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Piling Rig	50%	2.3	6	3	41.4	20.7
Air Compressor	50%	-	-	3	-	-
Crane Mobile	30%	2.6	10	3	78	23.4
Generator, Silenced	100%	-	-	3	-	-
Water Pump (electric)	100%	-	-	6	-	-
Concrete Lorry Mixer	50%	2.4	10	3	72	36
					Total:	80.1
	ŀ	0.4%				

6.5 Pile Cap at Central Median

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Generator, Silenced	100%	-	-	2	-	-
Bar Bender and Cutter (electric)	50%	-	-	2	-	-
Saw, Circular, Wood	65%	-	-	2	-	-
Crane Mobile	30%	2.6	10	2	52	15.6
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	30%	-	-	2	-	-
Air Compressor	50%	-	-	3	-	-
Breaker, Hand-held	30%	-	-	2	-	-
					Total:	96.88
	-	Percenta	ae of Us	sage Area to V	Norks Area:	0.5%

Total Area of Works Area (Clear Water Bay Road / On Sau Road RIW)

21100

 ${\rm m}^{\rm 2}$

6.6 Semi-NE Column Post at Central Median

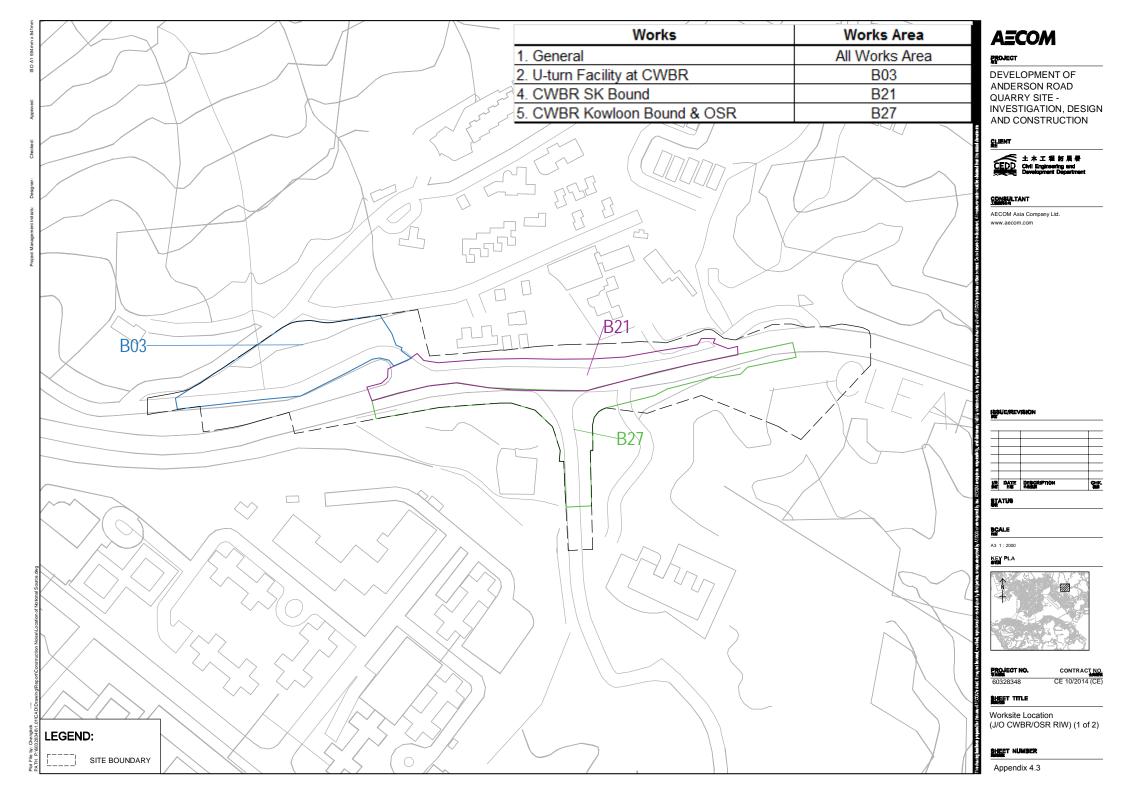
PME	Percentage				Area in term of			
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Crane Mobile	30%	2.6	10	2	52	15.6		
Lorry	50%	2.4	10	2	48	24		
	39.6							
	F	Percentage of Usage Area to Works Area:						

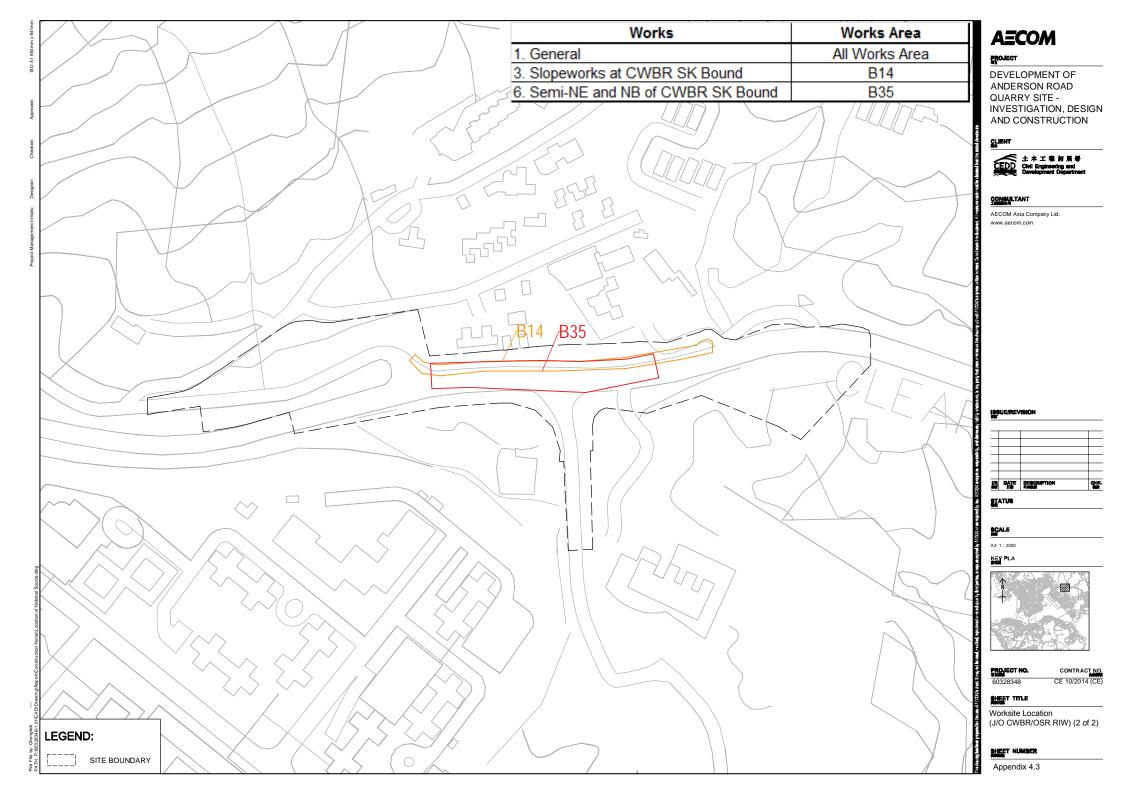
6.7 Semi-NE Roof Installation

PME	Percentage			PME Size		Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Crane Mobile	30%	2.6	10	2	52	15.6		
Cherry Picker	30%	3.2	8	2	51.2	15.36		
Lorry	50%	2.4	10	2	48	24		
					Total:	54.96		
		Percentage of Usage Area to Works Area:						

6.8 Semi-NE Panel Installation

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Crane Mobile	30%	2.6	10	2	52	15.6	
Cherry Picker	30%	3.2	8	2	51.2	15.36	
Lorry	50%	2.4	10	2	48	24	
					Total:	54.96	
	Percentage of Usage Area to Works Area:						





Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000

 m^2

1. General

1.1 Site Clearance

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Dump Truck	50%	2.4	10	2	48	24	
Excavator	65%	3.2	8	2	51.2	33.28	
Lorry	50%	2.4	10	2	48	24	
					Total:	81.28	
	Percentage of Usage Area to Works Area:						

2. TKOR Slip Rd SMP Bound Re-alignment

2.1 Temp Cut Slope

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	1	25.6	16.64
					Total:	40.64
	F	Percenta	ge of Us	sage Area to V	Vorks Area:	0.1%

2.2 Retaining Wall

2.2.1 Pile Foundation

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Piling Rig	50%	2.3	6	2	27.6	13.8
Air Compressor	50%	1.5	2.5	2	7.5	3.75
Crane Mobile	30%	2.6	10	2	52	15.6
Generator, Silenced	100%	-	-	2	-	-
Water Pump (electric)	100%	-	-	2	-	-
Concrete Lorry Mixer	50%	2.4	10	2	48	24
•	-				Total:	57.15
	-	Percenta	ae of Us	age Area to V	Vorks Area:	0.1%

2.2.2 Retaining Wall Structure

PME	Percentage	Percentage PME Size					
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Concrete Lorry Mixer	50%	2.4	10	2	48	24	
Dump Truck	50%	2.4	10	2	48	24	
Excavator	65%	3.2	8	2	51.2	33.28	
Generator, Silenced	100%	-	-	2	-	-	
Bar bender and cutter (electric)	50%	-	-	2	-	-	
Saw, Circular, Wood	50%	-	-	2	-	-	
Poker, Vibratory, Hand-held	30%	-	-	2	-	-	
Air Compressor	50%	1.5	2.5	2	7.5	3.75	
Breaker, Hand-held	40%	-	-	2	-	-	
Crane Mobile	30%	2.6	10	2	52	15.6	
		-	-		Total:	100.63	
		Percenta	ge of Us	sage Area to V	Vorks Area:	0.2%	

Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000

 m^2

2.3 Backfilling of Slope

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	1	24	12
Excavator	65%	3.2	8	1	25.6	16.64
Road Roller	80%	3.2	8	1	25.6	20.48
					Total:	49.12
	0.1%					

2.4 Utility Installation

PME	Percentage			Area in term of				
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Excavator	65%	3.2	8	1	25.6	16.64		
Compactor, Vibratory	50%	2.4	10	1	24	12		
Air Compressor	50%	1.5	2.5	1	3.75	1.875		
Breaker, Hand-held	40%	-	-	1	-	-		
	-				Total:	30.515		
	ı	Percentage of Usage Area to Works Area:						

2.5 Utility Diversion

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	1	25.6	16.64
Compactor, Vibratory	50%	2.4	10	1	24	12
Air Compressor	50%	1.5	2.5	1	3.75	1.875
Breaker, Hand-held	40%	-	-	1	-	-
	-				Total:	30.515
	,	Percenta	ge of Us	sage Area to V	Vorks Area:	0.1%

2.6 Formation of Carriageway

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Compactor, Vibratory	50%	2.4	10	1	24	12
Road Roller	80%	3.2	8	1	25.6	20.48
					Total:	56.48
	0.1%					

Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000

 m^2

2.9 Pavement Construction

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Road Roller	80%	3.2	8	1	25.6	20.48
Asphalt Paver	80%	3.2	8	1	25.6	20.48
Paint line marker	65%	1	2	1	2	1.3
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	30%	-	•	2	-	-
					Total:	90.26
	Vorks Area:	0.1%				

3. Flyover Construction 3.1 Pile Foundation

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	2	51.2	33.28
Piling Rig	50%	2.3	6	2	27.6	13.8
Oscillator	50%	2	2	2	8	4
Reverse Circulation Drill	50%	2	2	2	8	4
Generator, Silenced	100%	-	-	2	-	-
Bar bender and cutter (electric)	50%	-	-	2	-	-
Water Pump (electric)	100%	-	-	2	-	-
Crane Mobile	50%	2.6	10	2	52	26
Air Compressor	50%	-	-	2	-	-
Concrete Lorry Mixer	50%	2.4	10	2	48	24
-	•	-			Total:	105.08
	,	Percenta	ge of Us	sage Area to l	Vorks Area:	0.2%

3.2 Pile Cap

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Generator, Silenced	100%	-	-	2	-	-
Bar bender and cutter (electric)	65%	-	-	2	-	-
Saw, Circular, Wood	65%	-	-	2	-	-
Poker, Vibratory, Hand-held	65%	-	-	2	-	-
Air Compressor	65%	1.5	2.5	2	7.5	4.875
Breaker, Hand-held	65%	-	-	2	-	-
Crane Mobile	65%	2.6	10	2	52	33.8
	•	-	-		Total:	119.955
	,	Percenta	ge of Us	age Area to V	Vorks Area:	0.2%

Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000

 m^2

3.3 Bridge Pier and Abutment

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Generator, Silenced	100%	-	-	2	•	-
Bar bender and cutter (electric)	65%	-	-	2	-	-
Saw, Circular, Wood	65%	-	-	2	-	-
Poker, Vibratory, Hand-held	65%	-	-	2	-	-
Air Compressor	65%	1.5	2.5	2	7.5	4.875
Breaker, Hand-held	65%	-	-	2	-	-
Crane Mobile	65%	2.6	10	2	52	33.8
					Total:	119.955
	I	Percenta	ge of Us	age Area to l	Vorks Area:	0.2%

3.4 Insitu Deck

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Generator, Silenced	100%	-	-	2	-	-
Bar bender and cutter (electric)	65%	-	-	2	-	-
Saw, Circular, Wood	65%	-	-	2	-	-
Poker, Vibratory, Hand-held	65%	-	-	2	-	-
Air Compressor	65%	1.5	2.5	2	7.5	4.875
Breaker, Hand-held	65%	-	-	2	-	-
Crane Mobile	65%	2.6	10	2	52	33.8
					Total:	119.955
	I	Percenta	ge of Us	sage Area to V	Vorks Area:	0.2%

3.5 Noise Barrier Installation

3.5.1 NB Column Post

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Crane Mobile	30%	2.6	10	2	52	15.6
Lorry	50%	2.4	10	2	48	24
	39.6					
	0.1%					

3.5.2 Panel Installation

PME	Percentage			Area in term of				
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Crane Mobile	30%	2.6	10	2	52	15.6		
Cherry Picker	30%	3.2	8	2	51.2	15.36		
Lorry	50%	2.4	10	2	48	24		
					Total:	54.96		
	- I	Percentage of Usage Area to Works Area:						

Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000

 m^2

3.6 Pavement Construction

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Road Roller	80%	3.2	8	1	25.6	20.48
Asphalt Paver	80%	3.2	8	1	25.6	20.48
Paint line marker	65%	1	2	1	2	1.3
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	30%	-	-	2	-	-
					Total:	90.26
	0.1%					

4. SMPR Re-alignment

4.1 Utility Installation

PME			Area in term of			
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	1	25.6	16.64
Compactor, Vibratory	50%	2.4	10	1	24	12
Air Compressor	50%	1.5	2.5	1	3.75	1.875
Breaker, Hand-held	40%	-	-	1	-	-
	-				Total:	30.515
	ı	0.1%				

4.2 Formation of Carriageway

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Compactor, Vibratory	50%	2.4	10	1	24	12
Road Roller	80%	3.2	8	1	25.6	20.48
					Total:	56.48
	0.1%					

4.3 Pavement Construction

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Road Roller	80%	3.2	8	1	25.6	20.48
Asphalt Paver	80%	3.2	8	1	25.6	20.48
Paint line marker	65%	1	2	1	2	1.3
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	30%	-	-	2	-	-
					Total:	90.26
	0.1%					

Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000

 m^2

4.4 Junction Modification

PME	Percentage				Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	1	24	12
Excavator	65%	3.2	8	1	25.6	16.64
Concrete Lorry Mixer	50%	2.4	10	1	24	12
Poker, Vibratory, Hand-held	30%	-	-	1	-	-
Air Compressor	50%	1.5	2.5	1	3.75	1.875
Breaker, Hand-held	40%	-	-	1	-	-
					Total:	42.515
		Percenta	ge of Us	age Area to V	Vorks Area:	0.1%

5. Semi-NE and NB along SMPR 5.1 Utility Diversion

PME	Percentage			Area in term of				
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)		
Excavator	65%	3.2	8	1	25.6	16.64		
Compactor, Vibratory	50%	2.4	10	1	24	12		
Air Compressor	50%	1.5	2.5	1	3.75	1.875		
Breaker, Hand-held	40%	-	-	1	-	-		
					Total:	30.515		
	ı	Percentage of Usage Area to Works Area:						

5.2 Pile Foundation at Uphill

PME	Percentage			Area in term of			
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)	
Piling Rig	50%	2.3	6	2	27.6	13.8	
Air Compressor	50%	1.5	2.5	2	7.5	3.75	
Crane Mobile	30%	2.6	10	2	52	15.6	
Generator, Silenced	100%	-	-	2	-	-	
Water Pump (electric)	100%	-	-	2	-	-	
Concrete Lorry Mixer	50%	2.4	10	2	48	24	
					Total:	57.15	
	Percentage of Usage Area to Works Area:						

5 3 Pile Can at Unhill

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Generator, Silenced	65%	-	-	2	-	-
Bar bender and cutter (electric)	50%	-	-	2	-	-
Saw, Circular, Wood	65%	-	-	2	-	-
Crane Mobile	65%	2.6	10	2	52	33.8
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	65%	-	-	2	-	-
Air Compressor	50%	1.5	2.5	2	7.5	3.75
Breaker, Hand-held	65%	-	-	2	-	-
					Total:	118.83
	0.2%					

Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000

 m^2

5.4 Semi-NE and NB Column Post at Uphill

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Crane Mobile	30%	2.6	10	2	52	15.6	
Lorry	50%	2.4	10	2	48	24	
	39.6						
	Percentage of Usage Area to Works Area:						

5.5 Pile Foundation at Downhill

PME	Percentage			Area in term of					
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)			
Piling Rig	50%	2.3	6	2	27.6	13.8			
Air Compressor	50%	1.5	2.5	2	7.5	3.75			
Crane Mobile	30%	2.6	10	2	52	15.6			
Generator, Silenced	100%	-	-	2	-	-			
Water Pump (electric)	100%	-	-	2	-	-			
Concrete Lorry Mixer	50%	2.4	10	2	48	24			
					Total:	57.15			
	ŀ	Percentage of Usage Area to Works Area: 0.1%							

5.6 Pile Cap at Downhill

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Generator, Silenced	65%	-	-	2	-	-
Bar bender and cutter (electric)	50%	-	-	2	-	-
Saw, Circular, Wood	65%	-	-	2	-	-
Crane Mobile	65%	2.6	10	2	52	33.8
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	65%	-	-	2	-	-
Air Compressor	50%	1.5	2.5	2	7.5	3.75
Breaker, Hand-held	65%	-	-	2	-	-
					Total:	118.83
	0.2%					

5.7 Semi-NE Column Post at Downhill

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Crane Mobile	30%	2.6	10	1	26	7.8
Lorry	50%	2.4	10	1	24	12
	19.8					
	P	0.0%				

5.8 Semi-NE Roof Installation

PME	Percentage			PME Size	Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Crane Mobile	30%	2.6	10	1	26	7.8
Cherry Picker	30%	3.2	8	1	25.6	7.68
Lorry	50%	2.4	10	1	24	12
					Total:	27.48
	F	Percenta	ge of Us	sage Area to V	Vorks Area:	0.0%

Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000

 ${\rm m}^{\rm 2}$

5.9 Panel Installation

PME	Percentage			PME Size		Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)	
Crane Mobile	30%	2.6	10	1	26	7.8	
Cherry Picker	30%	3.2	8	1	25.6	7.68	
Lorry	50%	2.4	10	1	24	12	
	27.48						
	Percentage of Usage Area to Works Area:						

6. TKOR Slip Road near Hong Wah Court 6.1 Temp Cut Slope

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	1	24	12
Excavator	65%	3.2	8	1	25.6	16.64
	28.64					
	Percentage of Usage Area to Works Area:					

6.2 Retaining Wall Structure

PME	Percentage				Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Concrete Lorry Mixer	50%	2.4	10	1	24	12
Dump Truck	50%	2.4	10	1	24	12
Excavator	65%	3.2	8	1	25.6	16.64
Generator, Silenced	100%	-	-	1	-	-
Bar bender and cutter (electric)	50%	-	-	1	-	-
Saw, Circular, Wood	50%	-	-	1	-	-
Poker, Vibratory, Hand-held	30%	-	-	1	-	-
Air Compressor	50%	1.5	2.5	1	3.75	1.875
Breaker, Hand-held	40%	-	-	1	-	-
Crane Mobile	30%	2.6	10	1	26	7.8
					Total:	50.315
	,	Percenta	ge of Us	sage Area to V	Vorks Area:	0.1%

6.3 Backfilling of Slope

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	1	24	12
Excavator	65%	3.2	8	1	25.6	16.64
Road Roller	80%	3.2	8	1	25.6	20.48
					Total:	49.12
	0.1%					

6.4 Utility Installation

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	1	25.6	16.64
Compactor, Vibratory	50%	2.4	10	1	24	12
Air Compressor	50%	1.5	2.5	1	3.75	1.875
Breaker, Hand-held	40%	-	-	1	-	-
	•				Total:	30.515
		Percenta	ae of Us	sage Area to V	Vorks Area:	0.1%

Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000

 m^2

6.5 Formation of Carriageway

PME	Percentage			Area in term of		
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m ²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	1	24	12
Compactor, Vibratory	50%	2.4	10	1	24	12
Road Roller	80%	3.2	8	1	25.6	20.48
	44.48					
	0.1%					

6.6 Pavement Construction

PME	Percentage			PME Size	Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	1	24	12
Road Roller	80%	3.2	8	1	25.6	20.48
Asphalt Paver	80%	3.2	8	1	25.6	20.48
Paint line marker	65%	1	2	1	2	1.3
	-				Total:	54.26
	0.1%					

7. Lin Tak Road pick up/drop off construction

7.1 Cut Slope

PME	Percentage			PME Size	Area in term of	
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Excavator	65%	3.2	8	2	51.2	33.28
Total:						57.28
Percentage of Usage Area to Works Area:						0.1%

7.2 Slope Drainage

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Concrete Lorry Mixer	50%	2.4	10	1	24	12
Poker, Vibratory, Hand-held	30%	-	-	1	-	=
	12					
	0.0%					

7.3 Utility Installation

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Excavator	65%	3.2	8	1	25.6	16.64
Compactor, Vibratory	50%	2.4	10	1	24	12
Air Compressor	50%	1.5	2.5	1	3.75	1.875
Breaker, Hand-held	40%	-	-	1	-	-
					Total:	30.52
	0.1%					

7.4 Formation of Carriageway

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Compactor, Vibratory	50%	2.4	10	1	24	12
Road Roller	80%	3.2	8	1	25.6	20.48
	56.48					
	0.1%					

Total Area of Works Area (Lin Tak Road / Sau Mau Ping Road RIW)

61,000 r

 m^2

7.5 Pavement Construction

PME	Percentage			PME Size		Area in term of
	of Usage (%)	B (m)	L (m)	No. of Item	Area(m²)	Time of Usage (m ²)
Dump Truck	50%	2.4	10	2	48	24
Road Roller	80%	3.2	8	1	25.6	20.48
Asphalt Paver	80%	3.2	8	1	25.6	20.48
Paint line marker	65%	1	2	1	2	1.3
Concrete Lorry Mixer	50%	2.4	10	2	48	24
Poker, Vibratory, Hand-held	30%	-	-	2	1	-
	90.26					
	0.1%					

