東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

PENTA-OCEAN CONSTRUCTION COMPANY LIMITED

REMAINING ENGINEERING INFRASTRUCTURE WORKS FOR PAK SHEK KOK DEVELOPMENT PACKAGE 1 (CONTRACT NO.: TP 35/02)

MONTHLY EM&A REPORT

(JANUARY 2005)

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EXECUTIVE SUMMARY

This monthly EM&A report (No.25) has been prepared to document the impact monitoring works conducted for the Contract of the Remaining Engineering Infrastructure Works for Pak Shek Kok Development Package 1 (Contract No: TP 35/02) during the reporting period from 01 to 31 January 2005.

Construction Progress

The major construction works in this reporting month were as below:

- *Drainage works in Area Zone G and S2*
- *Watermain installation work*
- *Roadworks*
- *Construction of pumping station no.1 and no.2*
- *Construction of Road D1 Bridge*
- *General landscape works*
- *Construction of footpath and cycle track*

Environmental Monitoring Progress

The summary of the monitoring activities in this monitoring month is listed below:

- *Noise Monitoring (Day-time): 4 Occasions at 3 designated locations*
- *Noise Monitoring (Evening-time): 4 Occasions at 3 designated locations*
- *Noise Monitoring (Holiday): 5 Occasions at 3 designated locations*
- *24-hour TSP Monitoring: 5 Occasions at 2 designated locations*
- *1-hour TSP Monitoring: 12 Occasions at 2 designated locations*
- *Weekly-site inspection: 4 Occasions*

Noise Monitoring

No exceedances of Action and Limit levels for noise monitoring were recorded in the reporting month.

Air Monitoring

No exceedances of Action and Limit levels were recorded for 24-hr TSP and 1-hr TSP monitoring in the reporting month.

Site Inspection

Environmental site inspections conducted in this reporting month are presented as follows:

Concerned Parties	*Dates of Audit / Inspection*
ET (weekly site inspection)	*08, 15, 22, 29*
IEC/POC/ET (Monthly site inspection)	*26*

No observations were raised during this reporting month.

Environmental Complaints

No environmental complaints were received in this monitoring month.

Notification of summons and successful prosecutions

No notification of summons and prosecutions with respect to environmental issues were registered in this reporting month.

Future Key Issues

Base on the site inspections and forecast of engineering works in the coming month, key issues to be considered are as follows:

- Noise and air quality impact due to construction works;
- Maintain wheel washing facilities properly;
- Cleanup the access road regularly;
- Watering, hydro-seeding or covering all stockpiles with tarpaulin to avoid wind and water erosion;
- Diverting the silty runoff to sedimentation trap before discharge;
- Maintain good site practice and waste management to minimize environmental impacts at the site;
- Follow-up improvements on waste management issues.

1.0 INTRODUCTION

Penta-Ocean Construction Co., Ltd. (POC) appointed Environmental Team (ET) of ETS-Testconsult Limited (ETL) to undertake the Environmental Monitoring and Audit for Remaining Engineering Infrastructure Works for Pak Shek Kok Development Package 1 (Contract No.: TP 35/02).

Under the requirements of Section 10 of Environmental Permit to Construct and Operate a Designate Project (EP-108/2001/AEP-108/2001), EM&A programme as set out in the EM&A Manual is required to be implemented. In accordance with the EM&A manual, environmental monitoring of air quality and noise is required for the Project. The EM&A requirement for each parameter are described in details in subsequent sections, including:

- *All monitoring parameters;*
- *Action and Limit levels for all environmental parameters;*
- *Event-Action Plans;*
- *Environmental mitigation measures, as recommended in the project EIA study report;*
- *Environmental requirements in contract documents.*

This monthly EM&A report summarizes the impact monitoring results and audit findings of the EM&A program during the reporting period form 01 to 31 January 2005.

2.0 PROJECT INFORMATION

2.1 Background

Remaining Engineering Infrastructure Works for Pak Shek Kok Development Package 1 (Contract No.: TP 35/02) was planned and designed by the Civil Engineering and Development Department (CEDD).

As the main Contractor of the captioned project: contracted by, POC will follow the environmental monitoring recommendation stated at the EM&A Manual that was prepared with reference to the EIA Study for Feasibility Study on the Pak Shek Kok Development Area (PSKDA) Environmental Monitoring and Audit Manual under Agreement No. CE 90/96.

2.2 Site Description

Generally, the construction site is located at Pak Shek Kok development area. Surrounding the construction site, there are two air sensitive receivers: HKIB Staff Accommodation and Cheung Shue Tan Village and three noise sensitive receivers: HKIB Staff Accommodation, CUHK Residence No.10 and Cheung Shue Tan Village.

Figure 1and 2 show the noise and air monitoring locations of this project.

2.3 Construction Programme

Details of construction programme (from November 2004 to January 2005) are shown in Appendix F.

2.4 Project Organization and Management Structure

The organization chart and lines of communication with respect to the on-site environmental management and monitoring program are shown in Appendix A.

2.5 Contact Details of Key Personnel

The key personnel contact names and telephone numbers, and construction programme are shown in table 2.1.

Table 2.1 Contact Details of Key Personnel

Organization	*Project Role*	*Name of Key Staff*	*Tel. No.*	*Fax No.*
CEDD	*Employer*	*Mr. H W Lau*	*2158 5629*	---
Hyder	*Engineer*	*Mr. Herman Fong*	*2911 2233*	*2827 2891*
Hyder	*Independent Environmental Checker*	*Ir. Coleman Ng*	*2911 2233*	*2827 2891*
POC	*Contractor*	*Mr. Roger Lau*	*9870 6390*	*2691 6012*
ETL	*Contractor's Environmental Team*	*Mr C L Lau (Environmental Team Leader)*	*2946 7792*	*2695 3944*

3.0 CONSTRUCTION PROGRESS IN THIS REPORTING MONTH

The site area of this project is shown in Appendix G.

A summary of the major construction activities undertaken in this monitoring month is shown in Table 3.1. The implementation of corresponding mitigation measures is summarized in Table 3.2.

Table 3.1 Major Construction Activities in this reporting month

Location	*Major Construction Activity*
---	*Roadworks*
Zone G and S2	*Drainage Works*
Road D1	*Construction of Road D1 Bridge*
No.1 & No.2	*Construction of pump stations*
---	*Construction of footpath and cycle track*
---	*Watermain installation work*
---	*General landscape works*

Table 3.2 Implementation of Environmental Mitigation Measures

General construction works	• *Effective water sprays used on the site at potential dust emission sources such as unpaved area;* • *The heights from which fill materials are dropped should be controlled to a practical height to minimize the fugitive dust arising from unloading;* • *Minimize of exposed soil areas to reduce the potential for increased siltation and contamination of run-off;* • *Water, hydro-seed or cover the open stockpile and exposed loose soil areas by using clean tarpaulin sheets;* • *Provide proper and efficient drainage facilities (e.g. wheel washing facilities) and sedimentation system to ensure that site runoff should be treated before discharged to drains;* • *Remove the sand/rubbish accumulated in the drain/channel regularly;* • *Provide good site practice (e.g. selection of quieter plant and working methods and reduction in number of plant operating in critical areas close to NSRs) to limit noise emissions at source;* • *Remove the construction waste accumulated inside or outside the site regularly;* • *Keep good waste management.*

4.0 AIR QUALITY MONITORING

4.1 Monitoring Requirement

1-hour and 24-hour TSP monitoring were required to conducted to monitor the air quality, at designated monitoring locations:

- *HKIB Staff Accommodation (on ground floor near the entrance facing south-east);*
- *Cheung Shue Tan Village (near the outer building, temple) for 1-hr TSP monitoring;*
- *Cheung Shue Tan Village (in front of Man Kee Store) for 24-hr TSP monitoring.*

4.2 Monitoring Equipment

Continuous 24-hour TSP air quality monitoring was performed using a GMWS2310 High Volume Air Sampler (HVS) located at each of the designated monitoring station. One portable dust meter was used to carry out the 1-hour TSP monitoring. Table 4.1 summarizes the equipment used in the air quality monitoring programme. A copy of the calibration certificate for the HVS and portable dust meter are attached in Appendix B1.

Table 4.1 Air Quality Monitoring Equipment

Equipment	*Model and Make*
HVS Sampler	*Greasby GMWS2310*
Calibrator	*G25 A*
1-hour TSP Dust Meter	*TSI Model 8520 Dust Trak™ Aerosol Monitor*

4.3 Monitoring Parameters, Frequency and Duration

Table 4.2 summarizes the monitoring parameters, monitoring duration and frequencies of air quality monitoring.

Table 4.2 Monitoring parameters, duration, frequencies of impact air quality monitoring

Parameter	*Duration*	*Frequency*
24-hr TSP	*24 hr (0000-2400)*	*Once every six days*
1-hr TSP	*1 hr (0700-1900)*	*Three times every six days*

4.4 Monitoring Locations and Schedule

Two designated air quality monitoring locations – Cheung Shue Tan Village and HKIB Staff Accommodation were selected. Table 4.3 tabulates the air quality monitoring locations of this project.

Table 4.3 Air quality monitoring locations

Air quality Monitoring stations	*Locations*
AM1	*HKIB Staff Accommodation (on ground floor near the entrance facing south-east) for 1-hr TSP monitoring*
AM3	*Cheung Shue Tan Village (near the outer building, temple) for 1-hr TSP monitoring*
AM3A	*Cheung Shue Tan (in front of Man Kee Store) for 24-hr TSP monitoring*

The air quality monitoring schedule for 24-hr and 1-hr TSP monitoring at designated monitoring locations is summarized in table 4.4.

Table 4.4 Monitoring Schedule for the air quality monitoring stations

Air quality monitoring stations	*Location*	*Monitoring Period*						
		24-hr TSP				*1-hr TSP*		
		Start		*Finish*		*Date*	*Start*	*Finish*
		Date	*Time*	*Date*	*Time*			
AM1	*HKIB Staff Accommodation*	---				*04/01/05*	*08:42*	*09:42*
						06/01/05	*09:05*	*10:05*
						08/01/05	*08:50*	*09:50*
						11/01/05	*09:48*	*10:48*
						13/01/05	*16:00*	*17:00*
						15/01/05	*08:45*	*09:45*
						18/01/05	*08:45*	*09:45*
						20/01/05	*10:25*	*11:25*
						22/01/05	*09:23*	*10:23*
						25/01/05	*08:45*	*09:45*
						27/01/05	*15:16*	*16:16*
						29/01/05	*10:49*	*11:49*
AM3	*Cheung Shue Tan Village (near the outer building, temple)*	---				*04/01/05*	*10:39*	*11:39*
						06/01/05	*10:20*	*11:20*
						08/01/05	*13:00*	*14:00*
						11/01/05	*14:20*	*15:20*
						13/01/05	*10:40*	*11:40*
						15/01/05	*13:00*	*14:00*
						18/01/05	*10:20*	*11:20*
						20/01/05	*15:36*	*16:36*
						22/01/05	*15:00*	*16:00*
						25/01/05	*14:25*	*15:25*
						27/01/05	*10:15*	*11:15*
						29/01/05	*16:30*	*17:30*
AM1	*HKIB Staff Accommodation*	*04/01/05*	*09:40*	*05/01/05*	*09:41*	---		
		10/01/05	*11:00*	*11/01/05*	*10:56*			
		15/01/05	*08:47*	*16/01/05*	*08:41*			
		21/01/05	*08:25*	*22/01/05*	*08:29*			
		27/01/05	*11:35*	*28/01/05*	*11:22*			
AM3A	*Cheung Shue Tan (in front of Man Kee Store)*	*04/01/05*	*10:45*	*05/01/05*	*11:45*	---		
		10/01/05	*11:15*	*11/01/05*	*11:14*			
		15/01/05	*13:05*	*16/01/05*	*13:31*			
		21/01/05	*08:40*	*22/01/05*	*08:17*			
		27/01/05	*10:20*	*28/01/05*	*10:21*			

4.5 Monitoring Methodology

4.5.1 24-hour TSP Monitoring

Instrumentation

High volume sampler, as HVS, (Greasby GMWS2310) complete with appropriate sampling inlets are employed for 24-hour TSP. The sampler is composed of a motor, a filter holder, a flow controller and a sampling inlet and its performance specification complies with that required by USEPA standard Title 40, Code of Federation Regulations Chapter 1 (Part 50).

Installation

The installation of HVS refers to the requirement stated in EM&A Manual.

Operation/Analytical Procedures

Operating/analytical procedures for the operation of HVS are as below:

Prior to the commencement of the dust sampling, the flow rate of the high volume

sampler was properly set (between 0.6m^3/min and 1.7m^3/min.) in accordance with the manufacturer's instruction to within the range recommended in USEPA Standard Title 40, CFR Part 50.

- For TSP sampling, fiberglass filters (GA-55) were used.
- The power supply was checked to ensure the sampler worked properly.
- On sampling, the sampler was operated 5 minutes to establish thermal equilibrium before placing any filter media at designated air monitoring station.
- The filter holding frame was then removed by loosening the four nuts and carefully a weighted and conditioned filter was centered with the stamped number upwards, on a supporting screen.
- The filter was aligned on the screen so that the gasket formed an air-tight seal on the outer edges of the filter. Then the filter holder frame was tightened to the filter holder with swing bolts. The applied pressure should be sufficient to avoid air leakage at the edges.
- The programmable timer will be set for a sampling period of 24 hours. Information was recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper can be found out by using the filter number.).
- After sampling, the filter was transferred from the filter holder of the HVS to a sealed plastic bag and sent to the laboratory for weighting. The elapsed time was also recoded.
- Before weighting, all filters were equilibrated in a desiccator for 24 hour with the temperature of 25°C $\pm$ 3°C and the relative humidity (RH) <50% $\pm$5%.

Maintenance & Calibration

- The HVS and their accessories should be maintained in good working condition, such as replacing motor brushes routinely and checking electrical wiring to ensure a continuous power supply.
- HVS should be calibrated at bi-monthly intervals.

4.5.2 1-hour TSP Monitoring

Measuring Procedures

The measuring procedures of the 1-hr dust meter are in accordance with the Manufacturer's instruction Manual as follows:

- Set POWER to ON, check the battery indicator to ensure whether the power supply is enough to conduct the TSP monitoring;
- Calibrate the dust meter by zero check;
- Set the TIME CONSTANT of the dust meter;
- Press SAMPLE to start the TSP monitoring;
- Record the maximum, minimum and average reading directly from the dust meter by press STATISTICS when monitoring complete.

Maintenance & Calibration

- 1-hr dust meter should be checked at 3-month intervals and calibrated at 1-year intervals throughout all stages of impact air quality monitoring.

4.5.3 Wind Data Monitoring

Wind data (wind speed and wind direction) were directly extracted from Sha Tin Station (located at Sha Tin Race Course) of Hong Kong Observatory. All wind data during this reporting month are shown in Appendix D.

4.6 Action and Limit Levels

Action and Limit levels for 24-hr TSP and 1-hr TSP derived as illustrated in Table 4.5.

Table 4.5 Action and Limit Levels for 24-hr TSP and 1-hr TSP

Monitoring Location	*24-hr TSP (μg/m³)*		*1-hr TSP (μg/m³)*	
	Action Level	*Limit Level*	*Action Level*	*Limit Level*
AM1	*164 **	*260 **	*325 **	*500 **
AM3	---	---	*306*	*500*
AM3A	*183*	*260*	---	---

* = Reference to the information contained in the Baseline Monitoring Report submitted under the "Advance Engineering Infrastructure Works for Pak Shek Kok Development – Southern Access Road and Sewage Pumping Station No.3

4.7 Event-Action Plans

Please refer to Appendix E for details.

4.8 Results

4.8.1 24-hour TSP Monitoring

All monitoring data of 24-hour TSP monitoring is provided in Appendix B2. Graphical presentation of 24-hour TSP monitoring results for the reporting month is shown in Appendix B3.

No exceedances of Action and Limit Level of 24-hour TSP monitoring results were recorded during the reporting month.

4.8.2 1-hour TSP Monitoring

1-hour TSP monitoring was carried out at monitoring stations, AM1 and AM3 in the reporting month. All monitoring data of 1-hour TSP monitoring is provided in Appendix B2. Graphical presentation of 1-hour TSP monitoring results for the reporting month is shown in Appendix B3.

No exceedances of Action and Limit Level of 1-hour TSP monitoring results were recorded during the reporting month.

5.0 Noise Monitoring

5.1 Monitoring Requirements

As the requirement in EM&A Manual, noise monitoring was conducted at designated monitoring locations:

- *HKIB Staff Accommodation (on ground floor near the entrance facing south-east);*
- *Cheung Shue Tan Village (near the outer building, temple);*
- *CUHK Residence No.10.*

5.2 Monitoring Equipment

Integrating Sound Level Meters were used for noise monitoring. They were Type 1 sound level meters capable of giving a continuous readout of the noise level reading including equivalent continuous sound pressure level (L_{eq}) and percentile sound pressure level (Lx). They comply with International Electro technical Commission Publications 651:1979 (Type1) and 804:1985 (Type1), and speed in m/s was used to monitor the wind speed.

Table 5.1 summarized noise monitoring equipment model being used. A copy of the calibration certificates for noise meters and calibrator are attached in Appendix C1.

Table 5.1 Noise Monitoring Equipment

Equipment	*Model*
Integrating Sound Level Meter	*Rion NL-14 Sound Level Meter*
Calibrator	*Quest QC-20 Acoustic Calibrator*
Portable Wind Speed Indicator	*TSI Model 8340-M Air Velocity Meter*

5.3 Monitoring Parameters, duration and Frequency

Noise monitoring for the A-weighted levels Leq, L10 and L90 were recorded. The following guide on the regular monitoring frequency for each monitoring station on a per week basis when noise generating activities are underway:

- *One set of measurements between 0700-1900 hours on normal weekdays (6 consecutive $L_{eq(5\text{-}min)}$);*
- *One set of measurements between 1900-2300 hours (3 consecutive $L_{eq(5\text{-}min)}$)*;*
- *One set of measurements between 2300-0700 hours of next day (3 consecutive $L_{eq(5\text{-}min)}$)*;*
- *One set of measurements between 0700-1900 hours on holidays (3 consecutive $L_{eq(5\text{-}min)}$)*.*

(*): Noise monitoring to be conducted only when there is construction work.

Duration, frequencies and parameters of noise measurement are presented in Table 5.2.

Table 5.2 Duration, Frequencies and Parameters of Noise Monitoring

Time period	*Duration/min*	*Parameters*	*Frequency*
Day-time: 0700-1900 hrs on normal weekday	*30*	*L_{eq}, L_{10}, L_{90}*	*Once per week*
Evening-time: 1900-2300 hrs	*15*	*L_{eq}, L_{10}, L_{90}*	*Once per week*
Night-time: 2300-0700 hrs of next day	*15*	*L_{eq}, L_{10}, L_{90}*	*Once per week*
Holiday: 0700-1900 hrs	*15*	*L_{eq}, L_{10}, L_{90}*	*Once per week*

5.4 Monitoring Locations and Period

In accordance with the EM&A Manual, there are three noise monitoring locations: HKIB Staff Accommodation, Cheung Shue Tan Village and CUHK Residence No.10. The location of the monitoring stations are described in Table 5.3 and depicted in Figure 1.

Table 5.3 Noise Monitoring Locations

Noise Monitoring station	*Location*
NM1	*HKIB Staff Accommodation (on ground floor near the entrance facing south-east)*
NM2	*CUHK Residence No.10*
NM3	*Cheung Shue Tan Village (near the outer building, a temple)*

The noise-monitoring programme of monitoring locations (Day-time, Evening-time, Holiday and Night-time) is summarized in Table 5.4.

Table 5.4 Monitoring Periods for noise monitoring stations

Noise monitoring stations	*Monitoring Period*							
	Day-time		*Evening-time*		*Holiday*		*Night-time*	
NM1	*04/01/05*	*08:45*	*04/01/05*	*20:00*	*02/01/05*	*15:00*	---	---
	11/01/05	*09:50*	*11/01/05*	*19:00*	*09/01/05*	*09:45*	---	---
	18/01/05	*08:47*	*18/01/05*	*19:04*	*16/01/05*	*14:42*	---	---
	25/01/05	*08:47*	*25/01/05*	*19:00*	*23/01/05*	*14:00*	---	---
	---	---	---	---	*30/01/05*	*10:35*	---	---
NM2	*04/01/05*	*09:55*	*04/01/05*	*20:35*	*02/01/05*	*14:27*	---	---
	11/01/05	*13:30*	*11/01/05*	*19:25*	*09/01/05*	*10:10*	---	---
	18/01/05	*09:27*	*18/01/05*	*19:35*	*16/01/05*	*15:12*	---	---
	25/01/05	*09:55*	*25/01/05*	*19:35*	*23/01/05*	*14:59*	---	---
	---	---	---	---	*30/01/05*	*10:10*	---	---
NM3	*04/01/05*	*10:42*	*04/01/05*	*21:10*	*02/01/05*	*13:55*	---	---
	11/01/05	*14:22*	*11/01/05*	*19.55*	*09/01/05*	*10:40*	---	---
	18/01/05	*10:22*	*18/01/05*	*20:10*	*16/01/05*	*15:40*	---	---
	25/01/05	*14:27*	*25/01/05*	*20:10*	*23/01/05*	*17:05*	---	---
	---	---	---	---	*30/01/05*	*11:20*	---	---

5.5 Monitoring Procedures and Calibration Details

Operation/Analysis Procedures

- The Sound Level Meter was set on a tripod at a height of 1.2m above the ground.
- For free field measurement, the meter was positioned away from any nearby reflective surfaces.
- The battery condition was checked to ensure the correct functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
  - *Frequency weighting: A*
  - *Time weighting : Fast*
  - *Time measurement : 5 mins*
- Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94 dB at 1000HZ. If the difference in the calibration level before and after measurement was more than 1dB(A), the measurement would be considered invalid and repeat measurement would be required after re-calibration or repair of the equipment.
- The wind speed was frequently checked with a portable wind meter.
- During the monitoring period, the Leq, L10 and L90 were recorded. In addition, site conditions and noise sources were recorded on a standard record sheet.
- Free Field correction to the measurements should be made. Correction factor of +3dB(A) should be made to the free Field measurements.
- Noise monitoring would be cancelled in the presence of fog, rain, wind with a steady speed exceeding 5m/s, or wind gusts exceeding 10m/s.

Maintenance and Calibration

- The microphone head of the sound level meter and calibrator is cleaned with soft cloth at quarterly intervals.
- The meter is sent to be supplier or HOKLAS laboratory to check and calibrated at yearly intervals.

5.6 Action and Limit Levels

The Action and Limit levels for noise levels derived as illustrated in Table 5.5.

Table 5.5 Action and Limit Levels for noise monitoring

Time Period	*Time Period*	*Action*	*Limit*
Normal hours	*0700-1900 hrs on normal weekdays*	*When one documented complaint is received*	*75 dB(A) **
Holiday	*0700-1900 hrs on holidays*		*70 dB(A) ***
Evening-time	*1900-2300 hrs on all other days*		
Night-time	*2300-0700 hrs of next day*		*55 dB(A) ***

* = *Reduce to 70 dB(A) for schools and 65 dB(A) during school examination periods.*
** = *Area Sensitivity Rating (ASR) C is selected from the "Technical Memorandum on Noise from Construction Work Other Than Percussive Piling".*

5.7 Event-Action Plans

Please refer to the Appendix E for details.

5.8 Results

Day-time, Evening-time and Holiday noise monitoring were carried out at monitoring stations, NM1, NM2 and NM3 in this reporting month. No night-time noise monitoring were required since no construction works were processed during the night-time period. All noise levels are provided in Appendix C2. Graphical presentation of the monitoring results for the reporting month are shown in Appendix C3.

No day-time, evening-time and holiday noise monitoring results at all monitoring stations exceeded the Action Level since no documented complaints on noise issue were received in this reporting month. Besides, no exceedances in Limit Level were recorded according to the results from day-time, evening-time and holiday noise monitoring.

During the restricted hours, ET found that the PMEs used complied with the requirements stated in the valid CNP and no PMEs other than ones specified in the CNP to be used in the construction site.

6.0 WASTEWATER MONITORING

6.1 According to the Discharge of Industrial Trade Effluent Licence (Licence No.: 2946), POC is required to carry out wastewater monitoring of suspended solids quarterly at all effluent discharge points within the site. Under the Discharge of Industrial Trade Effluent Licence (Licence No.: 2946), the discharge limit of Suspended Solids content of the effluent at this site should be 30mg/L. It means that the suspended solids of wastewater discharged should be less than 30mg/L or otherwise no wastewater can be discharged under this Licence.

6.2 No water quality monitoring were carried out in this reporting month since no construction wastewater were discharged at the discharge point.

6.3 Next wastewater monitoring will be carried out when wastewater was found discharged at the discharge point.

7.0 ENVIRONMENTAL NON-CONFORMANCE

7.1 Summary of air quality, noise and wastewater monitoring

No exceedances of Action and Limit Level of 24-hour and 1-hour TSP monitoring results were recorded during the reporting month.

No day-time, evening-time and holiday noise levels recorded at all monitoring stations exceeded the Action and Limit Level in the reporting month.

No water quality monitoring were carried out in this reporting month since no construction wastewater were discharged at the discharge point.

7.2 Summary of Environmental Complaints

No environmental complaints were received in this monitoring month.

7.3 Summary of Notification of Summons and Prosecution

There were no notification of summons respect to environmental issues registered in this month. Cumulative log of Notification of Summons and Prosecution is tabulated in Table 7.1.

Table 7.1 Cumulative Log of Notification of Summons and Prosecution

Date	*Detail of Notice of Summons or Prosecution*	*Action Taken*	*Environmental Outcome*
16 Oct 2002	*The site main haul road was neither paved with any one of concrete, bituminous materials, hard core or metal plates, nor had the entire road surface maintained wet by the spraying of water or dust suppression chemical.*	• *POC paved the site main haul road with concrete and bituminous materials;* • *The road surface was wet by the spraying of water regularly by POC.*	*It was observed that the problem of dust emission from the site main haul road has been improved. No further complaint or ticket was received during the reporting month.*
11 July 2003	*Three stockpiles of dusty material namely aggregate, were wither covered entirely by impervious sheeting, nor place in an area sheltered on top and three sites, nor sprayed with water or dust suppression chemical so as to maintain entire surface wet.*	*The stockpiles of aggregates / excavated materials were covered with tarpaulin sheet / sprayed with water in order to avoid the dust emission.*	*No further complaints were received during the reporting month.*

8.0 SITE INSPECTION

Weekly site inspections were carried out by the ET. Four site inspections were undertaken in this reporting month (08, 15, 22 and 29 January 2005). Monthly joint site inspection at 26 January 2005 was carried out by Engineer's Representative, IEC, POC and ET. A summary of the implementation status of the mitigation measures on site inspections is presented in Appendix H.

8.1 Summary of the site inspection findings and Action(s) taken by POC and ET

No site inspection findings were recorded in this reporting month.

8.2 Status of Environmental Licensing and Permitting

All permits/licenses valid in this reporting month are summarized in Table 8.2.

Table 8.1 Summary of environmental licensing and permit status

Description	*Permit No.*	*Valid Period*		*Section*
		From	*To*	
Environmental Permit	*EP-108/2001*	*05/11/02*	---	*Whole work site*
Waste Producer	*5213 729 P2800 11*	*03/10/02*	---	*Generating waste at the work site*
Wastewater Discharge License	*No. 2946*	*18/12/02*	*18/12/07*	*Discharge of trade Effluent, surface run-off and all other wastewater arising from the construction site and sedimentation tank*

Description	Permit No.	Valid Period		Section
		From	To	
Construction Noise Permit (General / Prescribed construction works)	GW-RN0440-04	15/0904	10/02/05	Group A (For Area B2 or E) • 1 Poker, vibratory, hand-held (CNP 170) • 1 Concrete pump, lorry mounted (CNP 047) • 2 Concrete lorry mixer (CNP 044) Group B (For Area B2 or E) • 1 Poker, vibratory, hand-held (CNP 170) • 2 Concrete lorry mixer (CNP 044) • 1 Crane, mobile (diesel) (CNP 048) Group C (For Area B2 or E): • 2 Generator, silenced, 75dB(A) at 7m (CNP 102) • 1 Excavator, tracked (CNP 081) • 1 Lorry, with crane Group D (For Area B2 or E): • 1 Drill rig Group E (For Area B2 or E): • 2 Generator, silenced, 75dB(A) at 7m (CNP 102) • 2 Drill/Grinder, hand-held (electric) (CNP 065) • 1 Saw, circular, wood (CNP 201) • 2 Water pump, submersible (electric) (CNP 283) • 1 Air Compressor (CNP002) • 1 Bar bender and cutter (electric) (CNP 021) Group F (For Area B, C or D): • 1 Asphalt paver (CNP 004) • 1 Roller, vibratory (CNP 186) • 1 Excavator, tracked (CNP 081) Group G (For Area F): • 1 Excavator, tracked (CNP 081)

8.3 Recommendations on site inspection findings in Site Inspections of this month

Although no site inspection findings were recorded in this reporting month, some recommendations are still raised for general site practice and indicated as below:

- *All stockpiles with a volume of greater than 50m³ should be covered with clean tarpaulin sheets, watering or hydro-seeding to avoid wind and water erosion;*
- *The heights from which fill materials are dropped should be controlled to a practical height to minimize the fugitive dust arising from unloading;*
- *Placing enough sand bags or other protection should be applied to prevent the slity surface runoff onto the drains system;*
- *Checking and maintaining all the site machines to prevent dust emission;*
- *Providing briefing to the concerned site staff on remedial actions, such as handling method of chemicals and chemical waste;*
- *Maintain good waste management at the site.*

9.0 WASTE MANAGEMENT

9.1 Waste Management Audit

Waste management audit was carried out by the ET on a weekly basis. A summary of the implementation status of the mitigation measures on waste management is presented in Appendix H.

9.2 Records of Waste Quantities

All type of wastes arising from the construction work are classified into the following:

- *General refuses;*
- *Chemical waste;*
- *Construction & demolition (C&D) material.*

The quantities of waste for disposal in this month are summarized in Table 9.1.

Table 9.1 Summary of Quantities of Waste for Disposal in this reporting month

Type of Waste	*Quantity*	*Disposal Location*
C&D Material (Inert) (m^3)	*0*	*Nil*
C&D material (Non-inert) (m^3)	*0*	*Nil*
General Refuse (m^3)	*45*	*Disposed at NENT Landfills*
Chemical Waste (L)	*0*	*Nil*

10.0 IMPLEMENTATION STATUS

10.1 Implementation Status of Environmental Mitigation Measures

POC has been implementing the required environmental mitigation measures according to Implementation of Mitigation Measures (clause 4.2, 5.2 and 6.2) in Environmental Management Plan for Contract No. TP 35/02 Remaining Engineering Infrastructure Works for Pak Shek Kok Development Package 1 (Revision 2). A summary of the implementation status of the mitigation measures is presented in Appendix H.

Air Quality

The Contractor was reminded to water, hydro-seed or cover all the stockpiles by using clean tarpaulin sheets. The Contractor was also reminded to cleanup the access road regularly to avoid dust emission.

Noise

All mitigation measures stated in Appendix I were implemented properly in this reporting month.

Water Quality

The Contractor was reminded to provide more effort to implement mitigation measures, such as diverting site runoff to suitable treatment processes before discharge, sedimentation system and drainage facilities (e.g. sedimentation trap and U-channels), and remove the sand/rubbish accumulated in the drain / channel regularly.

Waste Management

POC has been implementing most mitigation measures on waste management.

10.2 Implementation Status of Event and Action Plan

There were no exceedances in air quality and noise monitoring parameters recorded in this monitoring month. No further mitigation measures were required.

10.3 Implementation Status of Environmental Complaint Handling

No complaints had been received during this monitoring month.

11.0 CONCLUSION

Impact monitoring of air quality and noise were carried out at designated locations in accordance with the EM&A Manual in this reporting month.

According to the summary of air and noise monitoring results, no exceedances of Action and Limit Level of 24-hour and 1-hour TSP monitoring results were recorded during the reporting month. Besides, no day-time, evening-time and holiday noise levels were recorded at all monitoring stations exceeded the Action and Limit Level in this reporting month. No night-time noise monitoring were required since no construction works were processed during the night-time period.

During the restricted hours, ET found that the PMEs used complied with the requirements stated in the valid CNP and no PMEs other than ones specified in the CNP to be used in the site.

No water quality monitoring were carried out in this reporting month since no construction wastewater were discharged at the discharge point.

According to the ET weekly site inspections and IEC monthly site audit carried out this month, it indicated that site practices of the POC were generally undertaken in an environmentally acceptable manner and the overall site environmental performance was satisfactory.

12.0 FUTURE KEY ISSUES

12.1 Upcoming EM&A Schedule in coming two months

The Proposed EM&A program in coming two months are presented as following table:

Table 12.1 – Upcoming EM&A Schedule in coming two months

Type of Monitoring	*February 2005*	*March 2005*
Noise Monitoring (Day-time)	*01, 08, 15, 22*	*01, 08, 15, 22, 29*
Noise Monitoring (Evening-time)	*01, 08, 15, 22*	*01, 08, 15, 22, 29*
Noise Monitoring (Holiday)	*06, 13, 20, 27*	*06, 13, 20, 27*
1-hour TSP	*01, 03, 05, 08, 10, 12, 15, 17, 19, 22, 24, 26*	*01, 03, 05, 08, 10, 12, 15, 17, 19, 22, 23, 24, 29, 31*
24-hour TSP	*02, 07, 12, 18, 24*	*02, 08, 14, 19, 24, 30*
Site Inspection	*05, 12, 19, 26*	*05, 12, 19, 24*

12.2 Upcoming construction works schedule in the coming month

The major construction works planned to be carried out in next two months and their possible impact is tabulated (Table 12.2) for reference.

Table 12.2 – Construction Plan in the coming month

Month	*Works Planned to be Carried Out*
Between February and March 2005	▪ *Drainageworks in Zone G and S25*
	▪ *Watermain installation works*
	▪ *Roadworks*
	▪ *Construction of Road D1 Bridge*
	▪ *Construction of pumping station no.1 and no.2*
	▪ *General landscape works*
	▪ *Construction of footpath and cycle track*

Appendix A

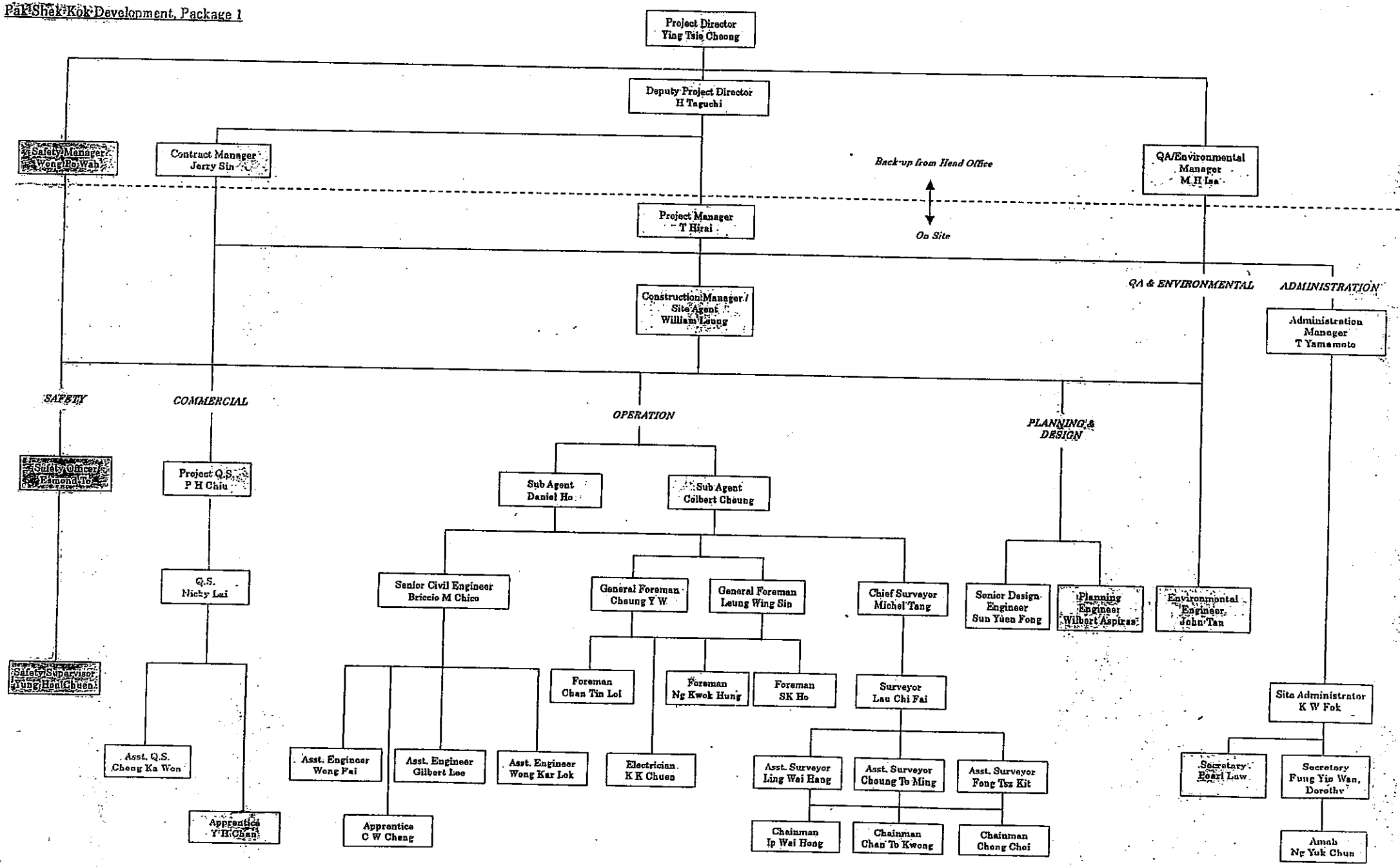
Organization Chart and Lines of Communication

Contract No. TP 35/02
Remaining Engineering Infrastructure Works for
Pak Shek Kok Development, Package 1

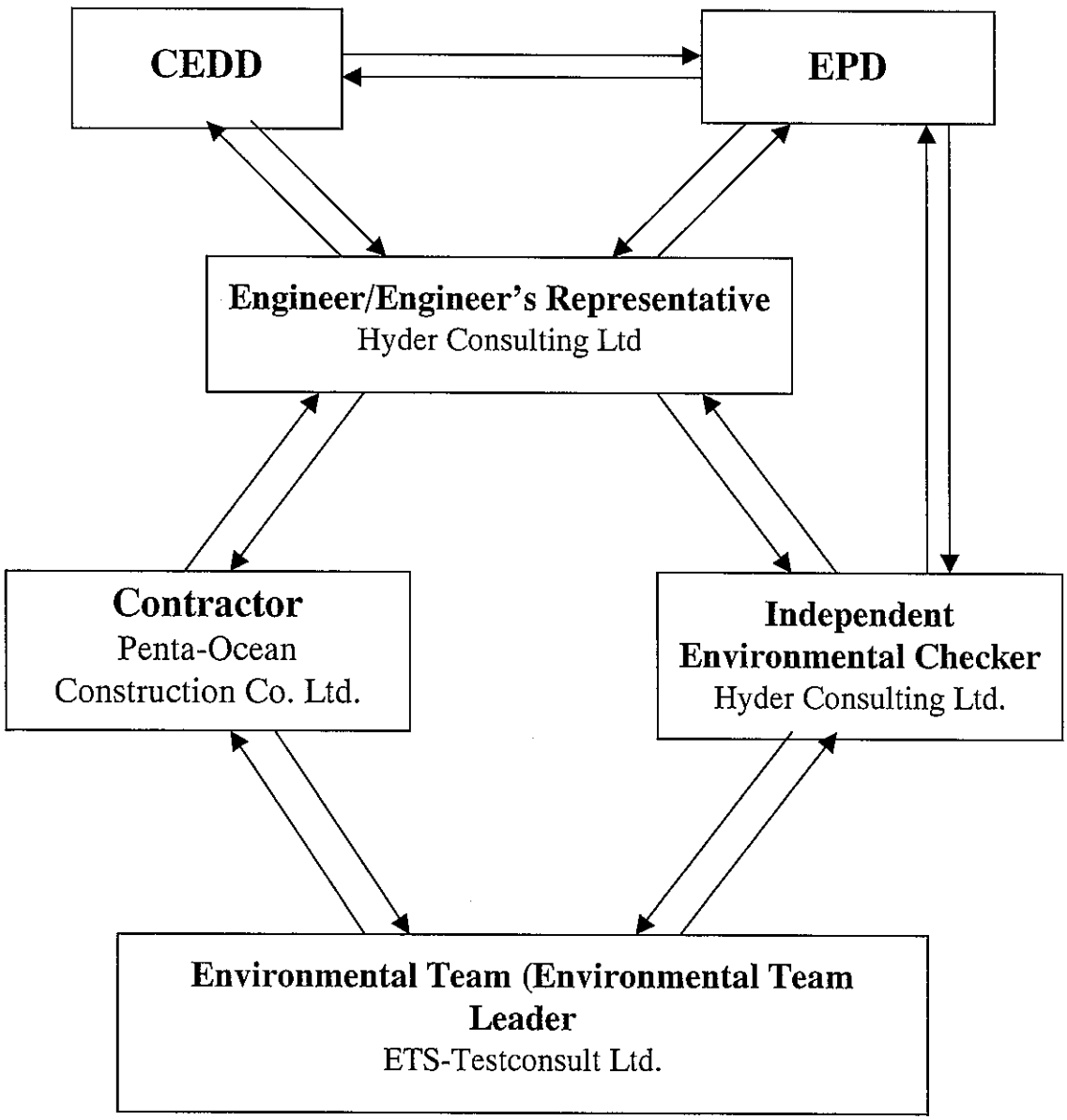
Project Site Organization Chart

Rev. K

Date : 03-Aug-04



Lines of Communication



Appendix B1

Calibration Certificates for Air Quality Monitoring Equipments

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED
8/F., Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fotan, Hong Kong
Tel : 2695 8318 E-mail : etl@ets-testconsult.com
Fax : 2695 3944 Web site : www.ets-testconsult.com

TEST REPORT

Calibration Report of High Volume Air Sampler

Manufacturer : Greasby GMW

Date of Calibration : 18 November 2004

Serial No. : 1178 (EA/003/01)

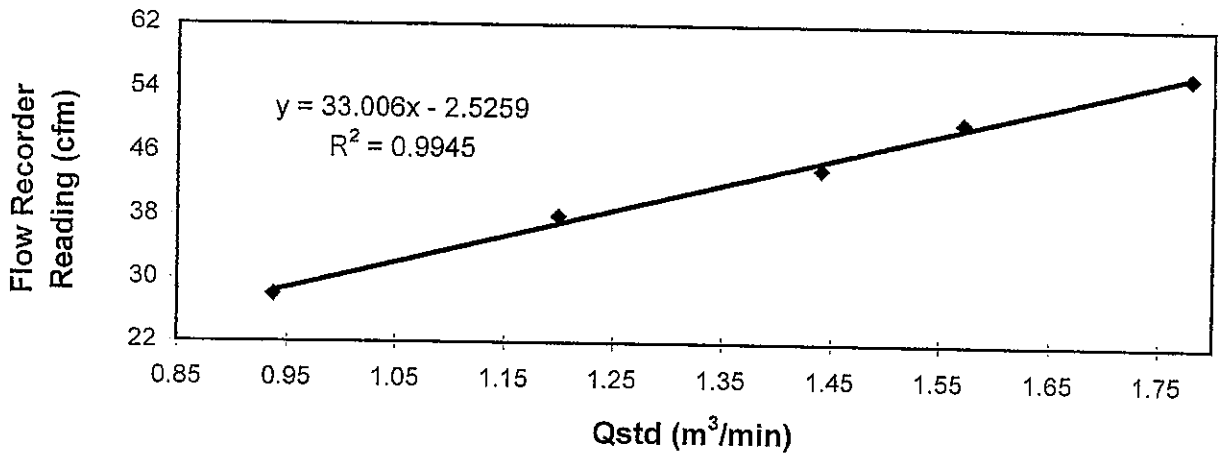
Calibration Due Date : 17 January 2005

Method : Based on Operations Manual for Graseby Model GS2310 series using calibration kit TE-5025A

Results :

Flow recorder reading (cfm)	56	50	44	38	28
Qstd (Actual flow rate, m^3/min)	1.78	1.57	1.44	1.20	0.94
Pressure : 765.44 mm Hg		Temp. : 295 K			

Sampler1178 Calibration Curve
Site: Pak Shek Kok Monitoring Station AM1 (24hr.)
Date of Calibration: 18 November 2004



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5 point calibration

The high volume sampler complies * / ~~does not comply~~ * with the specified requirements and is deemed acceptable */ ~~unacceptable~~ * for use.

Calibrated by : H. T. Chow
(Asst. Environmental Officer)

Approved by : Linda Law
(Environmental Officer)

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED
8/F., Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fotan, Hong Kong
Tel : 2695 8318 E-mail : etl@ets-testconsult.com
Fax : 2695 3944 Web site : www.ets-testconsult.com

TEST REPORT

Calibration Report
of
High Volume Air Sampler

Manufacturer : Greasby GMW

Date of Calibration : 17 January 2005

Serial No. : 1178 (ET / EA / 003 / 01)

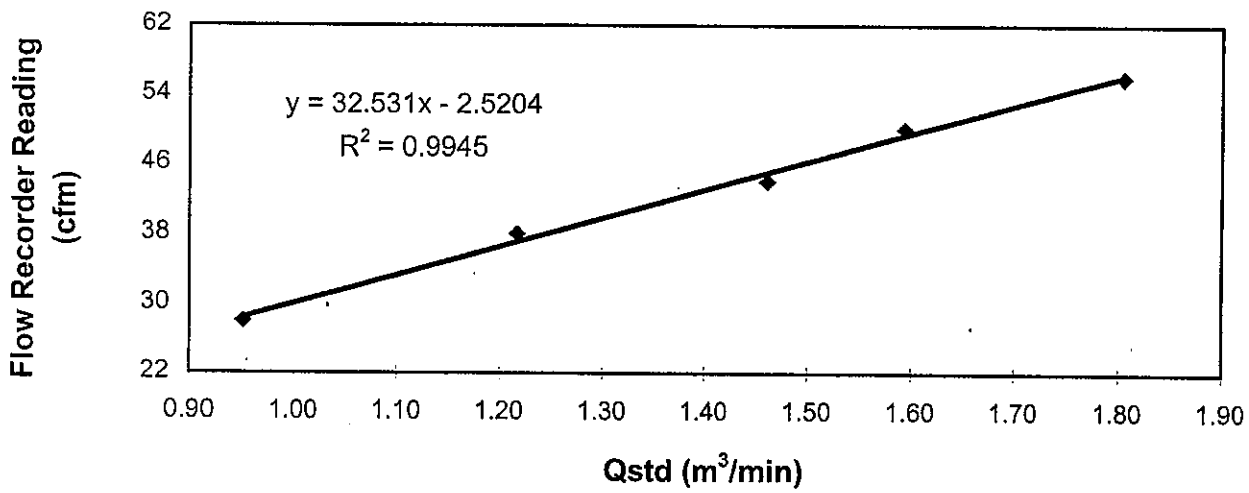
Calibration Due Date : 16 March 2005

Method : Based on Operations Manual for Graseby Model GS2310 series using calibration kit TE-5025A

Results :

Flow recorder reading (cfm)	56	50	44	38	28
Qstd (Actual flow rate, m^3/min)	1.80	1.59	1.46	1.22	0.95
Pressure : 766.56 mm Hg		Temp. : 287 K			

Sampler1178 Calibration Curve
Site: Pak Shek Kok Monitoring Station AM1 (24hr.)
Date of Calibration: 17 January 2005



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5 point calibration

The high volume sampler complies * / ~~does not comply~~ * with the specified requirements and is deemed acceptable */ ~~unacceptable~~ * for use.

Calibrated by : Mak Kei Wai
Mak Kei Wai
(Technician)

Approved by :
H. T. Chow
(Asst. Environmental Officer)

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED
8/F., Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fotan, Hong Kong
Tel : 2695 8318 E-mail : etl@ets-testconsult.com
Fax : 2695 3944 Web site : www.ets-testconsult.com

TEST REPORT

Calibration Report of High Volume Air Sampler

Manufacturer : Greasby GMW

Date of Calibration : 18 November 2004

Serial No. : 7179 (EA / 003 / 16)

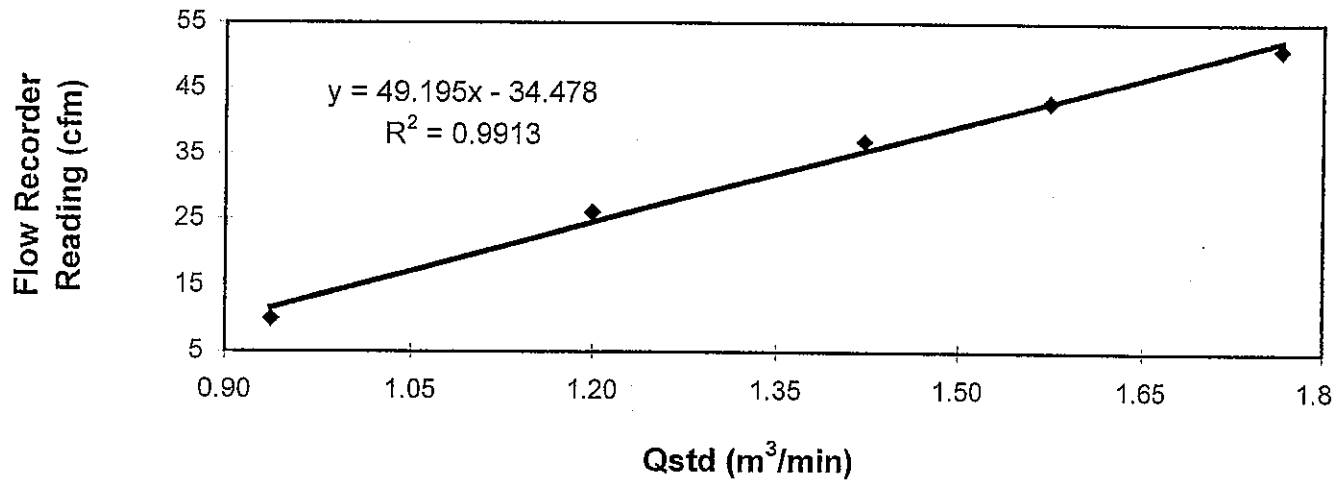
Calibration Due Date : 17 January 2005

Method : Based on Operations Manual for Graseby Model GS2310 series using calibration kit TE-5025A

Results :

Flow recorder reading (cfm)	51	43	37	26	10
Qstd (Actual flow rate, m^3/min)	1.76	1.57	1.42	1.20	0.94
Pressure : 765.44 mm Hg		Temp. : 295 K			

Sampler 7179 Calibration Curve
Site: Pak Shek Kok (AM3A)
Date of Calibration: 18 November 2004



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5 point calibration

The high volume sampler complies * / ~~does not comply~~ * with the specified requirements and is deeme acceptable */ ~~unacceptable~~ * for use.

Calibrated by : _____
H. T. Chow
(Asst. Environmental Officer)

Approved by : Linda Law
Linda Law
(Environmental Officer)

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED
8/F., Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fotan, Hong Kong
Tel : 2695 8318 E-mail : etl@ets-testconsult.com
Fax : 2695 3944 Web site : www.ets-testconsult.com

TEST REPORT

Calibration Report of High Volume Air Sampler

Manufacturer : Greasby GMW

Date of Calibration : 17 January 2005

Serial No. : 7179 (ET / EA / 003 / 16

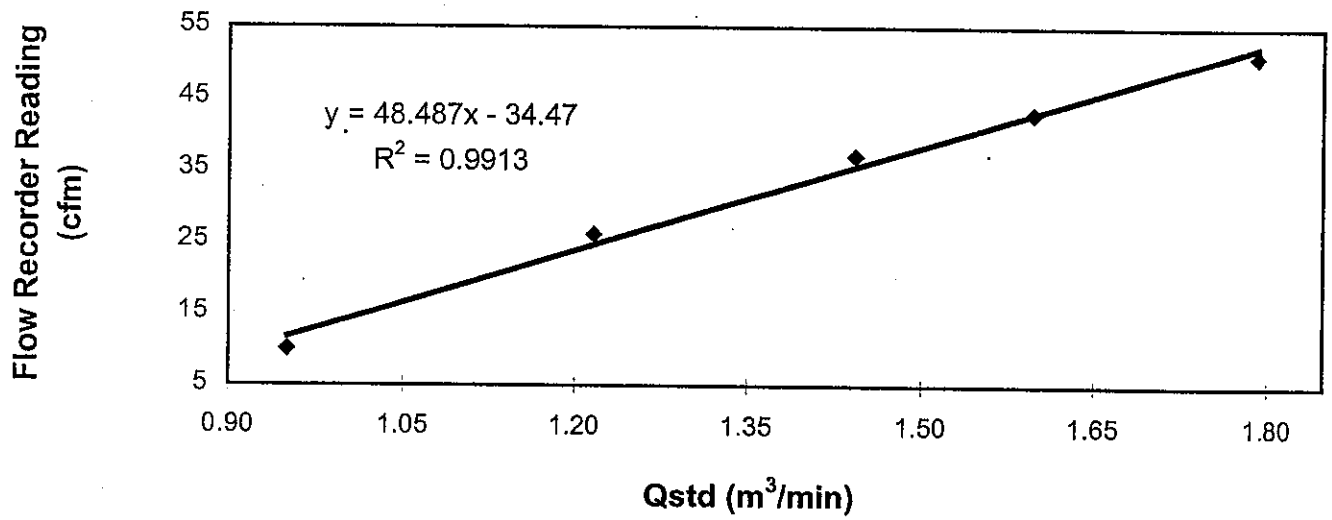
Calibration Due Date : 16 March 2005

Method : Based on Operations Manual for Graseby Model GS2310 series using calibration kit TE-5025A

Results :

Flow recorder reading (cfm)	51	43	37	26	10
Qstd (Actual flow rate, m^3/min)	1.79	1.60	1.44	1.22	0.95
Pressure : 766.56 mm Hg		Temp. : 287 K			

Sampler 7179 Calibration Curve
Site: Pak Shek Kok (AM3A)
Date of Calibration: 17 January 2005



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5 point calibration

The high volume sampler complies * / ~~does not comply *~~ with the specified requirements and is deeme acceptable */ ~~unacceptable *~~ for use.

Calibrated by : Mak Kei Wai
Mak Kei Wai
(Technician)

Approved by :
H. T. Chow
(Asst. Environmental Officer)

Appendix B2

Air Quality Monitoring Results

Summary of 24-hr TSP Monitoring Results

Monitoring Station : AM1
Location : HKIB Staff Accommodation

Start		Finish		Elapse Time		Sampling Time (hrs)	Flow Rate (m^3/min.)		Average (m^3/min.)	Filter Weight (g)		Conc. ($\mu g/m^3$)	Weather Condition
Date	Time	Date	Time	Initial	Final		Initial	Final		Initial	Final		
04/01/05	09:40	05/01/05	09:41	7425.40	7449.42	24.02	1.08	1.08	1.08	2.9058	3.0993	124	Cloudy
10/01/05	11:00	11/01/05	10:56	7473.38	7497.32	23.94	1.11	1.11	1.11	2.8423	3.0553	134	Sunny
15/01/05	08:47	16/01/05	08:41	7521.21	7545.11	23.90	1.02	1.02	1.02	2.8851	3.0801	133	Sunny
21/01/05	08:25	22/01/05	08:29	7568.34	7692.41	24.07	1.09	1.09	1.09	2.8361	2.9390	65	Cloudy
27/01/05	11:35	28/01/05	11:22	7616.04	7639.83	23.79	1.12	1.12	1.12	2.8682	2.9519	52	Cloudy

Remark (*): The monitoring period was less than 24 hours due the power supply failure.

Monitoring Station : AM3A
Location : Cheung Shue Tan (in front of Man Kee Store)

Start		Finish		Elapse Time		Sampling Time (hrs)	Flow Rate (m^3/min.)		Average (m^3/min.)	Filter Weight (g)		Conc. ($\mu g/m^3$)	Weather Condition
Date	Time	Date	Time	Initial	Final		Initial	Final		Initial	Final		
04/01/05	10:45	05/01/05	11:45	12749.41	12774.43	25.02	1.31	1.31	1.31	2.9095	3.1248	109	Cloudy
10/01/05	11:15	11/01/05	11:14	12798.48	12822.46	23.98	1.35	1.35	1.35	2.8727	3.0970	115	Sunny
15/01/05	13:05	16/01/05	13:31	12846.82	12871.26	24.44	1.33	1.33	1.33	2.8734	3.0862	109	Sunny
21/01/05	08:40	22/01/05	08:17	12895.26	12918.88	23.62	1.25	1.25	1.25	2.8508	2.9668	65	Cloudy
27/01/05	10:20	28/01/05	10:21	12943.05	12967.07	24.02	1.33	1.33	1.33	2.8656	2.9760	58	Cloudy

Summary of 1-hr TSP Monitoring Results

Monitoring Station : AM1
Location : HKIB Staff Accommodation

Date	Monitoring Period		1-hr TSP (μg/m³)			Weather
	Start	Finish	Minimum	Maximum	Average	
04/01/05	08:42	09:42	52	486	110	Cloudy
06/01/05	09:05	10:05	46	393	96	Sunny
08/01/05	08:50	09:50	90	350	154	Cloudy
11/01/05	09:48	10:48	90	352	117	Sunny
13/01/05	16:00	17:00	98	352	175	Cloudy
15/01/05	08:45	09:45	93	372	171	Sunny
18/01/05	08:45	09:45	97	370	190	Cloudy
20/01/05	10:25	11:25	93	377	130	Cloudy
22/01/05	09:23	10:23	91	363	191	Cloudy
25/01/05	08:45	09:45	106	389	186	Cloudy
27/01/05	15:16	16:16	110	386	187	Cloudy
29/01/05	10:49	11:49	87	350	155	Cloudy

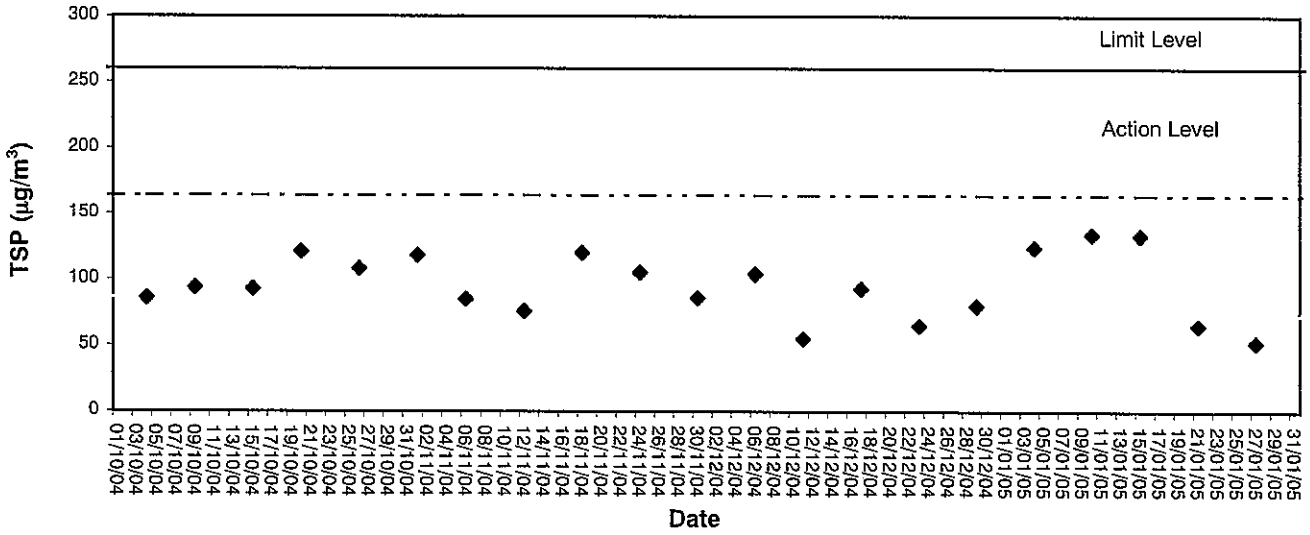
Monitoring Station : AM3
Location : Cheung Shue Tan Village (near the outer building, a temple)

Date	Monitoring Period		1-hr TSP (μg/m³)			Weather
	Start	Finish	Minimum	Maximum	Average	
04/01/05	10:39	11:39	35	405	93	Cloudy
06/01/05	10:20	11:20	38	324	90	Sunny
08/01/05	13:00	14:00	81	311	86	Cloudy
11/01/05	14:20	15:20	83	310	113	Sunny
13/01/05	10:40	11:40	97	320	159	Cloudy
15/01/05	13:00	14:00	71	221	113	Sunny
18/01/05	10:20	11:20	86	321	170	Cloudy
20/01/05	15:36	16:36	89	301	120	Cloudy
22/01/05	15:00	16:00	76	317	165	Cloudy
25/01/05	14:25	15:25	97	343	171	Cloudy
27/01/05	10:15	11:15	87	356	167	Cloudy
29/01/05	16:30	17:30	75	321	131	Cloudy

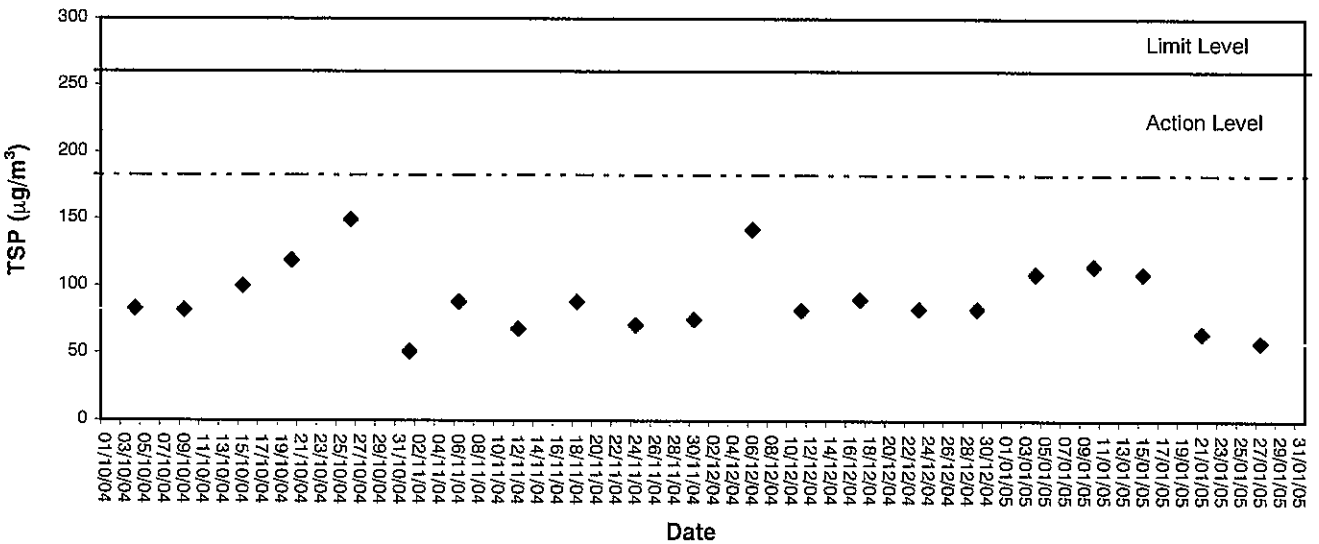
Appendix B3

Graphical Plots of Air Quality Monitoring Data

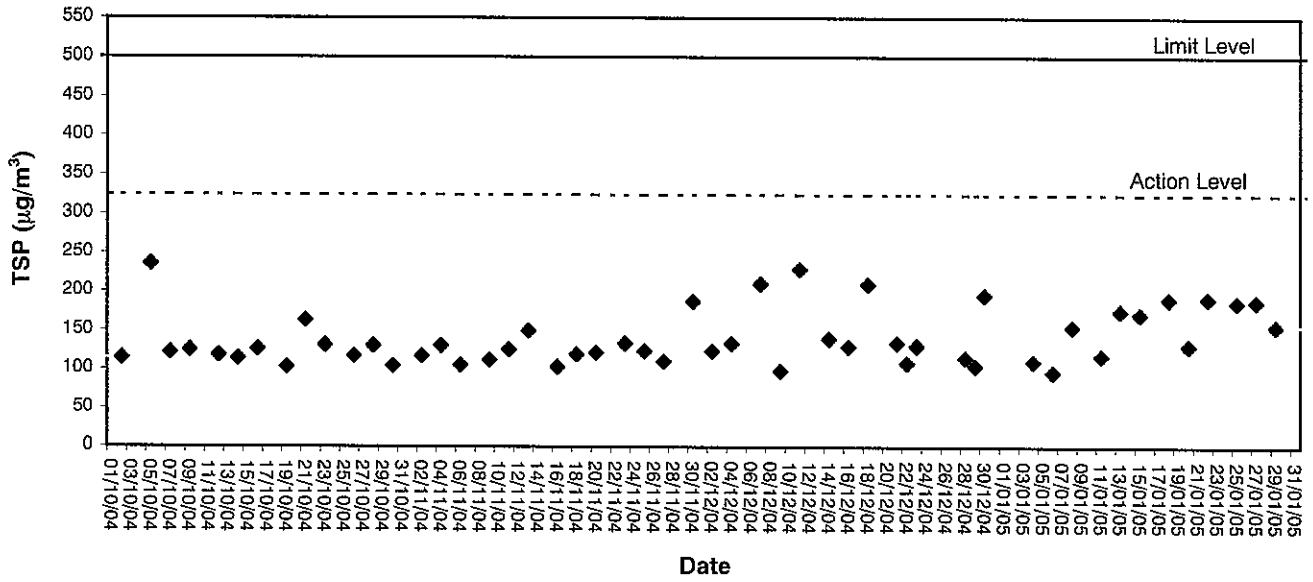
24-hour TSP level at AM1 (HKIB Staff Accommodation)



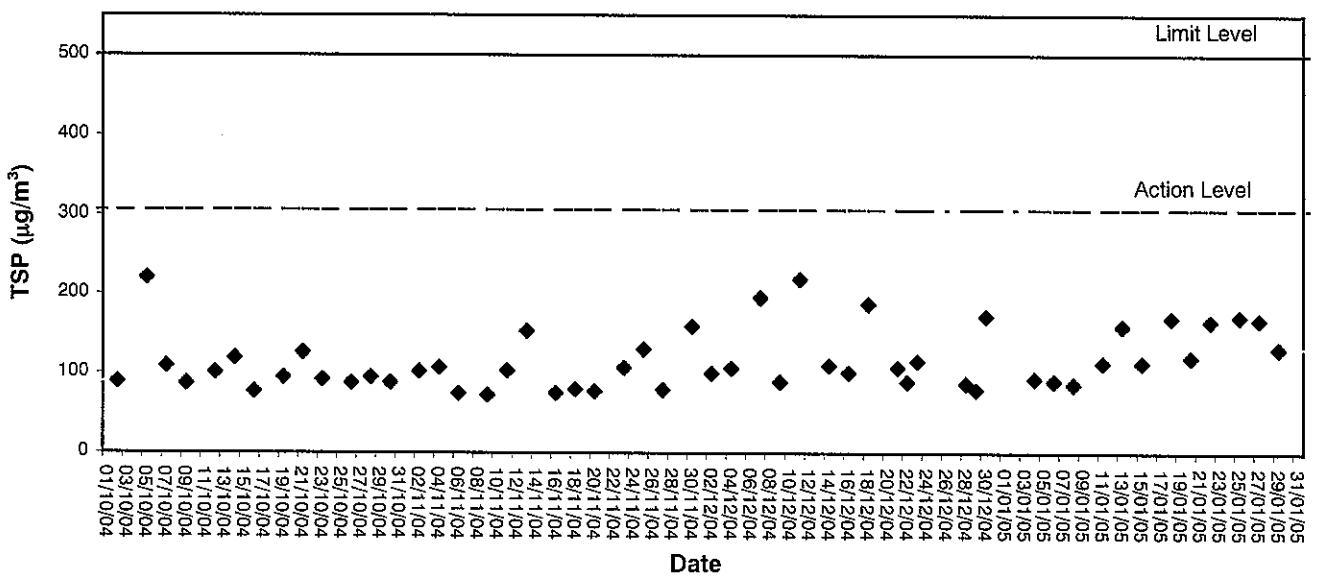
24-hour TSP level at AM3A (Cheung Shue Tan in front of Man Kee Store)



1-hour TSP level at AM1, HKIB Staff Accommodation



1-hour TSP level at AM3, Cheung Shue Tan Village (near the outer building, a temple)



Appendix C1

Calibration Certificates for Noise Monitoring Equipments

Hong Kong Calibration Ltd.
香 港 校 正 有限公司

Calibration Certificate

Certificate No. 41649 Page 1 of 2 Pages

Customer : ETS-Testconsult Limited

Address : 8/F., Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan St., Fotan, Hong Kong.

Order No. : Q40536 **Date of receipt :** 6-Apr-04

Item Tested

Description : Sound Level Calibrator (ET/0527/002)

Manufacturer : Rion

Model : NC-73 **Serial No. :** 10644871

Test Conditions

Date of Test : 16-Apr-04 **Supply Voltage :** --

Ambient Temperature : (22.5 ± 2.5)°C **Relative Humidity :** (50 ± 20) %

Test Specifications

Calibration check according to customer's requirement.

Calibration procedure : F21, Z02.

Test Results

All results were within the manufacturer's specification.

The results are shown in the attached page(s).

Test equipment used:

Equipment No.	Cert. No.	Due Date	Traceable to
S014	30961	1-Jun-04	PRC-NIM
S024	Z02050078	29-May-04	PRC-NIM
S041	35075	2-Dec-04	PRC-NIM

The values given in this Calibration Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Hong Kong Calibration Ltd. shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to national standards/International System of Units (SI).
The test results apply to the above Unit-Under-Test only

Calibrated by : _____

Approved by : _____
Alan Chu - Manager

Date: 16-Apr-04

This Certificate is issued by:
Hong Kong Calibration Ltd.
Unit 8B, 24/F., Well Fung Industrial Centre, No. 58-76, Ta Chuen Ping Street,Kwai Chung, NT,Hong Kong.
Tel: 2425 8801 Fax: 2425 8646

Calibration Certificate

Results :

1. **Level Accuracy (at 1 kHz)**

UUT Nominal Value	Measured Value	Mfr's Spec.
94 dB	- 0.8 dB	± 1 dB

Uncertainty : ± 0.2 dB

2. **Frequency Accuracy**

UUT Nominal Value	Measured Value	Mfr's Spec.
1 kHz	0.986 kHz	± 2 %

Uncertainty : ± 0.1 %

3. **Level Stability** : 0.0 dB
   Uncertainty : ± 0.01 dB

4. **Total Harmonic Distortion** : < 0.2 %
   Mfr's Spec. : < 3 %
   Uncertainty : ± 2.3 % of reading

Remark : 1. UUT : Unit-Under-Test
2. The uncertainty claimed is for a confidence probability of not less than 95%.
3. Atmospheric Pressure : 995 hPa
4. The above measured values are the mean of 3 measurement.

---------- END ----------

Hong Kong Calibration Ltd.
香港校正有限公司

Calibration Certificate

Certificate No. 41648 Page 1 of 3 Pages

Customer : ETS-Testconsult Limited

Address : 8/F., Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan St., Fotan, Hong Kong.

Order No. : Q40536 **Date of receipt :** 6-Apr-04

Item Tested

Description : Precision Integrating Sound Level Meter

Manufacturer : Rion

Model : NL-31 **Serial No. :** 00531142

Test Conditions

Date of Test : 16-Apr-04 **Supply Voltage :** --

Ambient Temperature : (22.5 ± 2.5)°C **Relative Humidity :** (50 ± 20) %

Test Specifications

Calibration check according to customer's requirement.

Calibration procedure : Z01.

Test Results

All results were within the manufacturer's, IEC 651 Type 1, IEC 804 Type 1 specification.

The results are shown in the attached page(s).

Test equipment used:

Equipment No.	Cert. No.	Due Date	Traceable to
S017	S30857	8-Apr-05	PRC-NIM
S024	Z02050078	29-May-04	PRC-NIM

The values given in this Calibration Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Hong Kong Calibration Ltd. shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to national standards/International System of Units (SI).
The test results apply to the above Unit-Under-Test only

Calibrated by : _____ **Approved by :** _____

Alan Chu - Manager

Date: 16-Apr-04

This Certificate is issued by:
Hong Kong Calibration Ltd.
Unit 8B, 24/F., Well Fung Industrial Centre, No. 58-76, Ta Chuen Ping Street, Kwai Chung, NT, Hong Kong.
Tel: 2425 8801 Fax: 2425 8646

Calibration Certificate

Results :

1. SPL Accuracy

UUT Setting			UUT Reading (dB)	Correction (dB)
Level Range (dB)	Weight	Response		
20 – 100	L_A	Fast	94.0	+ 0.1
		Slow		+ 0.1
	L_C	Fast		+ 0.1
	Lp	Fast		0.0
30 – 120	L_A	Fast	94.0	+ 0.1
		Slow		+ 0.1
	L_C	Fast		+ 0.1
	Lp	Fast		0.0
30 – 120	L_A	Fast	114.0	0.0
		Slow		0.0
	L_C	Fast		0.0
	Lp	Fast		0.0

IEC 651 Type 1 Spec. : ± 0.7 dB
Uncertainty : ± 0.2 dB

2. **Level Stability** : 0.0 dB
IEC 651 Type 1 Spec. : ± 0.3 dB
Uncertainty : ± 0.01 dB

Calibration Certificate

3. Frequency Weighting

A weighting

Frequency	Attenuation (dB)	IEC 651 Type 1 Spec.
31.5 Hz	- 39.5	- 39.4 dB, ± 1.5 dB
63 Hz	- 26.3	- 26.2 dB, ± 1.5 dB
125 Hz	- 16.2	- 16.1 dB, ± 1 dB
250 Hz	- 8.7	- 8.6 dB, ± 1 dB
500 Hz	- 3.3	- 3.2 dB, ± 1 dB
1 kHz	0.0 (Ref.)	0 dB, ± 1 dB
2 kHz	+ 1.3	+ 1.2 dB, ± 1 dB
5 kHz	+ 1.1	+ 1.0 dB ,± 1 dB
8 kHz	- 1.1	- 1.1 dB, + 1.5 dB ~ - 3 dB
16 kHz	- 6.7	- 6.6 dB, + 3 dB ~ ∞

Uncertainty : ± 0.1 dB

4. Time Averaging

Applied Burst duty Factor	UUT Reading (dB)	Correction (dB)	IEC 804 Type 1 Spec.
continuous	36.9	--	--
1/10	36.7	+ 0.2	± 0.5 dB
$1/10^2$	36.7	+ 0.2	
$1/10^3$	36.7	+ 0.2	± 1.0 dB
$1/10^4$	36.7	+ 0.2	

Uncertainty : ± 0.1 dB

Remark : 1. UUT : Unit-Under-Test
2. True Value = UUT Reading + Correction.
3. The uncertainty claimed is for a confidence probability of not less than 95%.
4. Atmospheric Pressure : 995 hPa.

---------- END ----------

Appendix C2

Noise Monitoring Results

Day-time Noise Monitoring

Monitoring Location: NM1 (HKIB Staff Accommodation)

Date	Start Sampling Time (hh:mm)	Noise Level dB (A)			Wind Speed (m/s)	Weather Condition
		L_{eq}(30)	L10	L90		
04/01/05	08:45	55.8	58.7	52.4	2.1	Cloudy
11/01/05	09:50	58.8	60.7	57.1	0.8	Sunny
18/01/05	08:47	58.3	60.2	55.6	0.6	Cloudy
25/01/05	08:47	59.4	60.9	55.0	0.6	Cloudy

Monitoring Location: NM2 (CUHK Residence No.10)

Date	Start Sampling Time (hh:mm)	Noise Level dB (A)			Wind Speed (m/s)	Weather Condition
		L_{eq}(30)	L10	L90		
04/01/05	09:55	57.4	60.4	53.3	1.3	Cloudy
11/01/05	13:30	56.4	58.4	54.0	0.7	Sunny
18/01/05	09:27	56.3	58.6	52.5	0.7	Cloudy
25/01/05	09:55	55.9	58.5	52.1	0.4	Cloudy

Monitoring Location: NM3 (Cheung Shue Tan Village)

Date	Start Sampling Time (hh:mm)	Noise Level dB (A)			Wind Speed (m/s)	Weather Condition
		L_{eq}(30)	L10	L90		
04/01/05	10:42	49.6	52.8	45.2	2.0	Cloudy
11/01/05	14:22	58.1	59.8	54.4	0.7	Sunny
18/01/05	10:22	53.8	56.0	49.1	0.6	Cloudy
25/01/05	14:27	53.7	55.9	49.6	0.6	Cloudy

Evening-time Noise Monitoring

Monitoring Location: NM1 (HKIB Staff Accommodation)

Date	Start Sampling Time	Noise Level dB (A)									Wind Speed (m/s)	Weather Condition
		$L_{eq}(5)$			L10			L90				
04/01/05	20:00	59.8	60.1	61.1	62.1	62.4	62.9	55.7	54.9	55.5	1.1	Cloudy
11/01/05	19:00	57.7	57.3	57.0	59.8	59.2	58.8	54.0	53.6	53.5	0.7	Fine
18/01/05	19:04	58.9	59.4	58.5	62.6	63.3	62.0	55.1	55.7	54.9	2.1	Fine
25/01/05	19:00	59.1	59.9	61.7	61.1	62.0	62.9	56.2	55.9	56.7	1.2	Cloudy

Monitoring Location: NM2 (CUHK Residence No.10)

Date	Start Sampling Time	Noise Level dB (A)									Wind Speed (m/s)	Weather Condition
		$L_{eq}(5)$			L10			L90				
04/01/05	20:35	58.6	57.9	59.6	61.0	60.7	61.9	53.1	52.6	52.1	1.0	Cloudy
11/01/05	19:25	54.1	53.7	54.0	56.2	55.6	56.1	49.8	49.4	49.7	0.7	Fine
18/01/05	19:35	57.2	57.6	57.9	59.3	59.8	60.4	53.6	54.0	54.7	1.9	Fine
25/01/05	19:35	57.8	58.2	58.9	60.2	60.7	61.0	55.4	54.9	55.1	1.3	Cloudy

Monitoring Location: NM3 (Cheung Shue Tan Village)

Date	Start Sampling Time	Noise Level dB (A)									Wind Speed (m/s)	Weather Condition
		$L_{eq}(5)$			L10			L90				
04/01/05	21:10	55.9	56.7	57.6	57.8	58.4	59.9	50.7	51.0	50.5	1.0	Cloudy
11/01/05	19.55	53.1	53.0	52.6	55.0	54.9	54.7	48.1	47.8	47.3	0.6	Fine
18/01/05	20:10	50.2	49.6	49.1	53.9	53.4	52.8	47.0	46.1	45.8	1.0	Fine
25/01/05	20:10	56.7	57.2	55.9	58.2	59.6	57.8	51.9	51.7	51.6	0.9	Cloudy

Holiday Noise Monitoring

Monitoring Location: NM1 (HKIB Staff Accommodation)

Date	Start Sampling Time	Noise Level dB (A)									Wind Speed (m/s)	Weather Condition
		$L_{eq}(5)$			L10			L90				
02/01/05	15:00	61.7	62.6	60.9	63.1	64.2	62.7	59.1	58.9	59.6	0.8	Cloudy
09/01/05	09:45	57.9	58.0	57.6	59.8	60.1	58.9	53.5	54.0	53.6	0.6	Cloudy
16/01/05	14:42	56.8	57.4	57.1	59.0	59.9	59.5	53.9	54.8	54.4	2.5	Cloudy
23/01/05	14:00	58.6	59.7	61.7	60.9	61.8	63.2	56.3	56.8	57.2	1.1	Sunny
30/01/05	10:35	57.3	57.6	57.0	59.8	59.9	59.2	53.4	53.7	53.1	1.2	Cloudy

Monitoring Location: NM2 (CUHK Residence No.10)

Date	Start Sampling Time	Noise Level dB (A)									Wind Speed (m/s)	Weather Condition
		$L_{eq}(5)$			L10			L90				
02/01/05	14:27	60.1	59.1	58.6	62.2	61.9	61.2	57.1	56.7	56.5	0.7	Cloudy
09/01/05	10:10	54.7	55.0	55.4	57.0	57.3	57.8	52.3	52.8	53.0	0.4	Cloudy
16/01/05	15:12	52.7	53.1	53.6	54.9	55.5	55.8	50.6	50.9	51.4	1.8	Cloudy
23/01/05	14:59	58.1	57.9	58.6	60.3	60.0	61.0	55.9	56.2	56.0	1.0	Sunny
30/01/05	10:10	53.7	54.0	53.5	56.0	56.3	55.9	51.2	51.7	51.0	0.9	Cloudy

Monitoring Location: NM3 (Cheung Shue Tan Village)

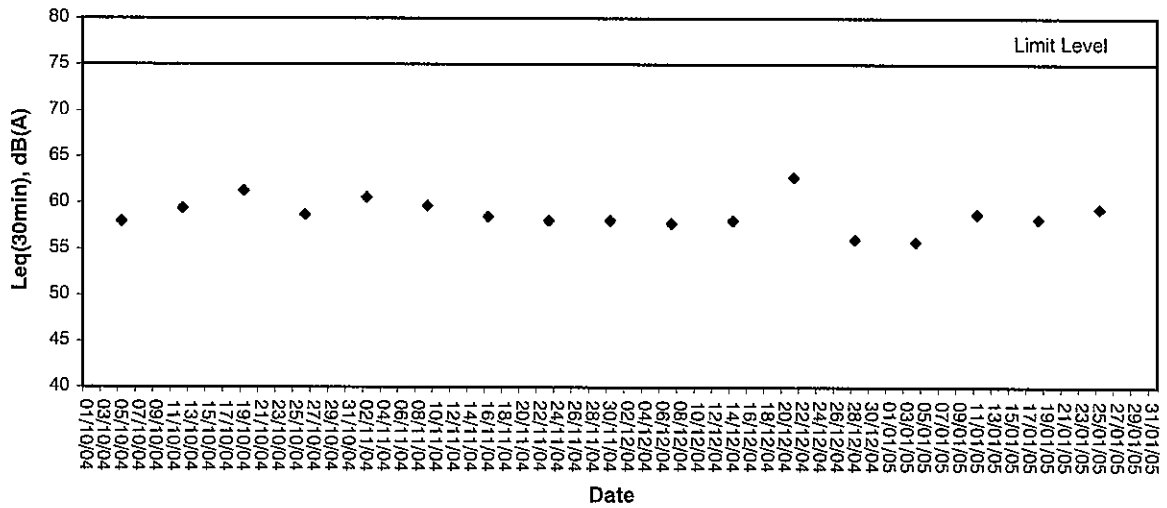
Date	Start Sampling Time	Noise Level dB (A)									Wind Speed (m/s)	Weather Condition
		$L_{eq}(5)$			L10			L90				
02/01/05	13:55	57.6	56.9	58.1	59.2	58.6	60.1	54.9	55.1	55.7	0.6	Cloudy
09/01/05	10:40	52.6	53.0	52.4	54.9	55.1	54.6	49.7	49.9	49.2	0.6	Cloudy
16/01/05	15:40	49.7	49.3	49.5	51.9	50.8	51.4	48.1	47.6	47.8	2.4	Cloudy
23/01/05	17:05	54.9	55.8	56.1	56.2	57.9	58.1	49.7	50.7	50.3	0.7	Sunny
30/01/05	11:20	52.4	52.7	53.1	54.6	55.0	55.7	48.2	48.4	49.0	1.0	Cloudy

Appendix C3

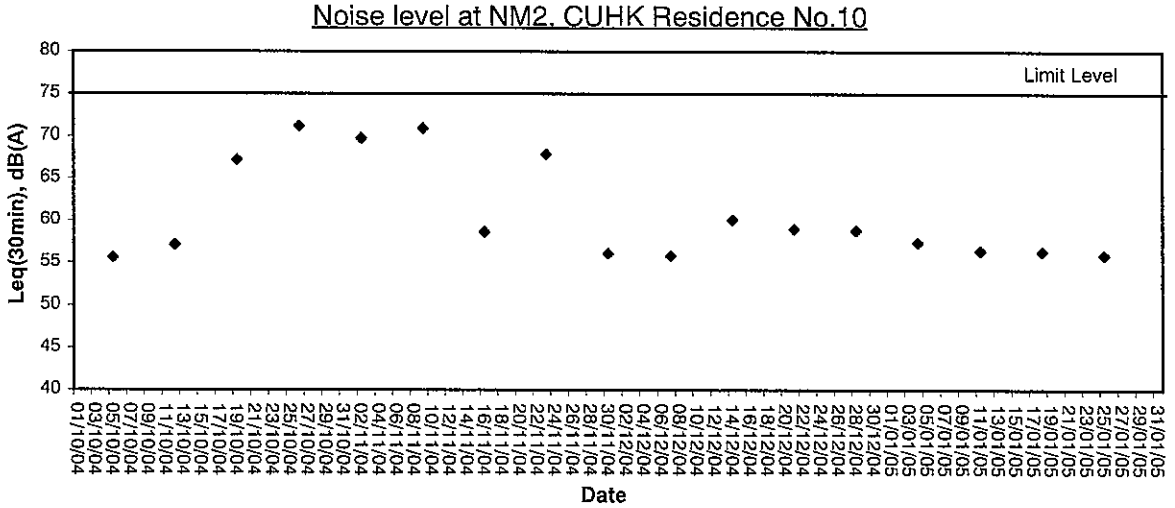
Graphical Plots of Noise Monitoring Data

Noise Monitoring (Day-time)

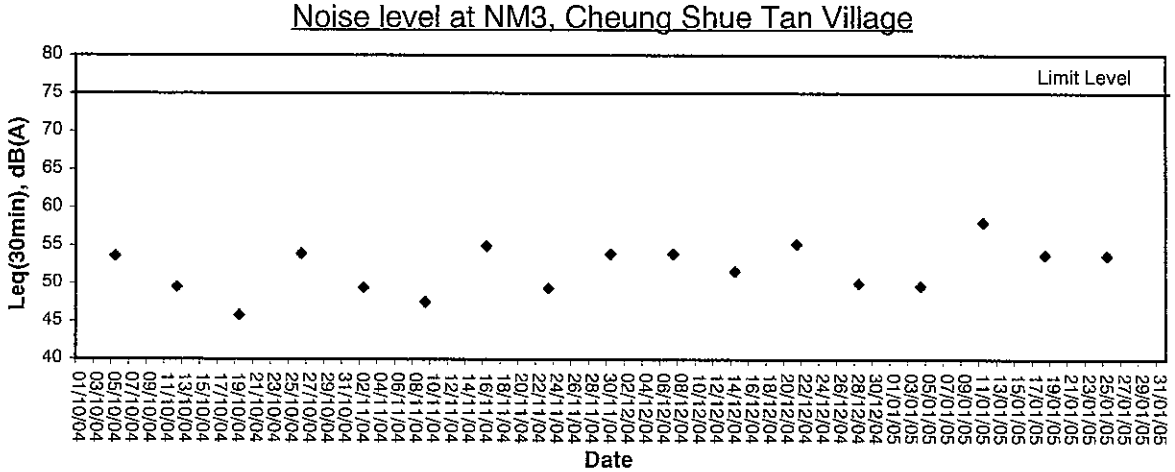
Noise level at NM1, HKIB Staff Accommodation



Noise level at NM2, CUHK Residence No.10

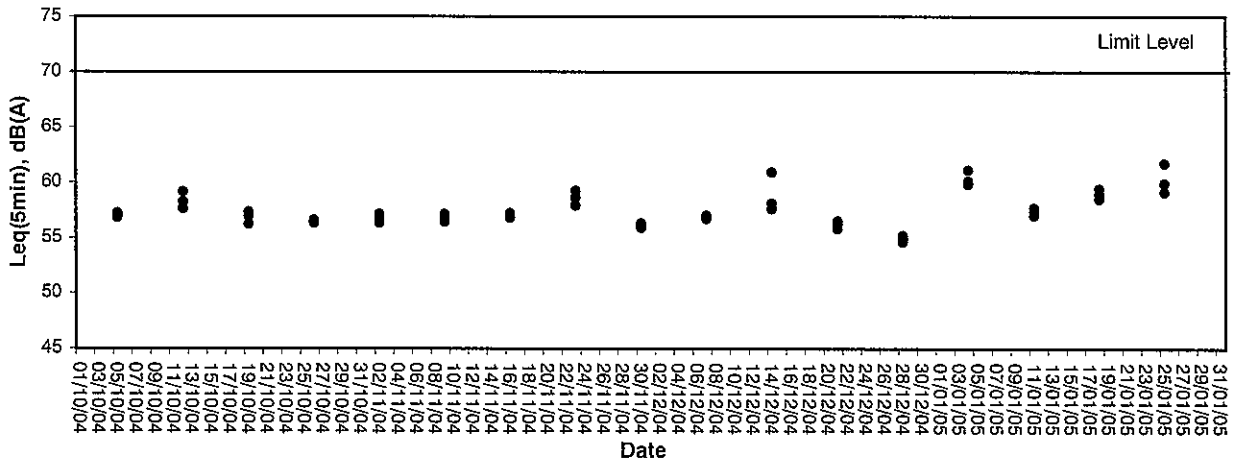


Noise level at NM3, Cheung Shue Tan Village

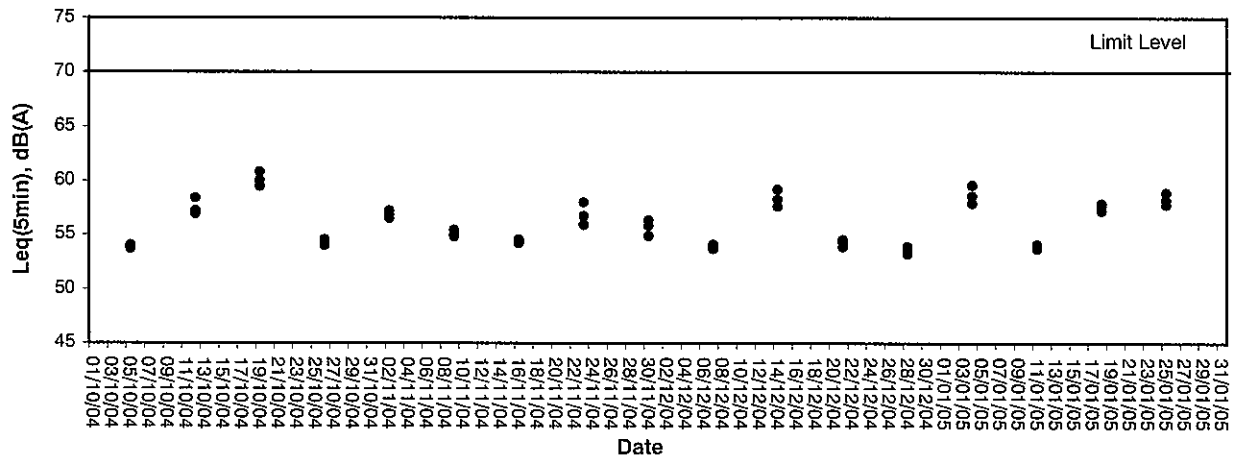


Noise Monitoring (Evening-time)

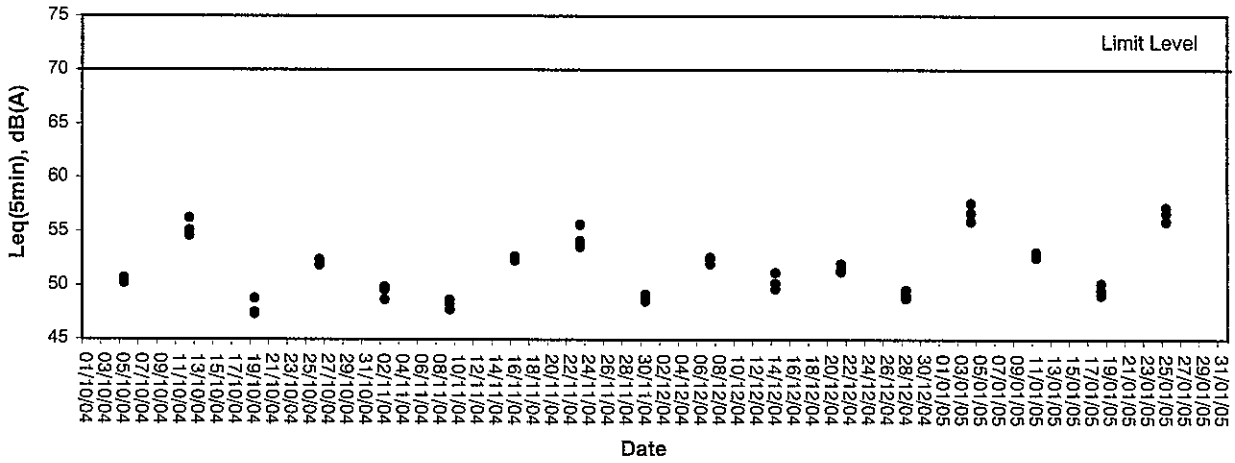
Noise level at NM1, HKIB Staff Accommodation



Noise level at NM2, CUHK Residence No.10

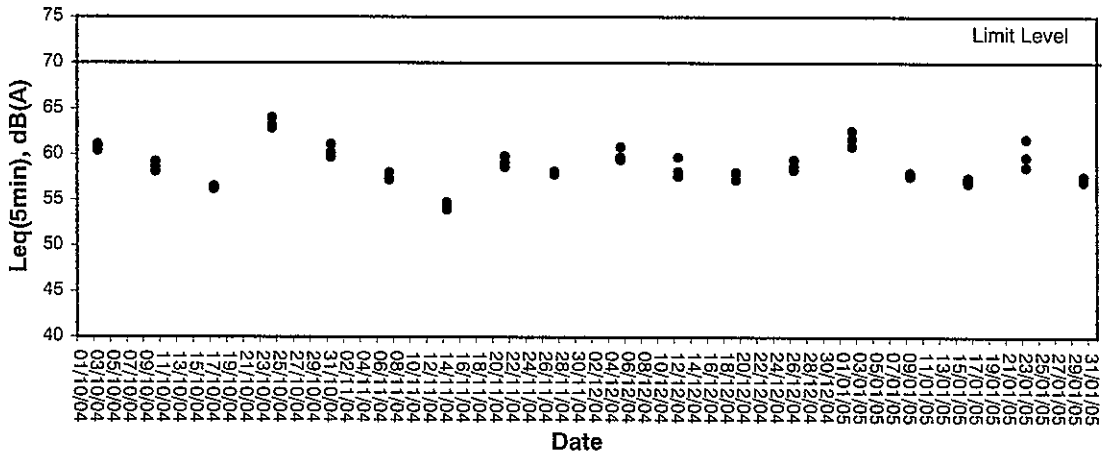


Noise level at NM3, Cheung Shue Tan Village

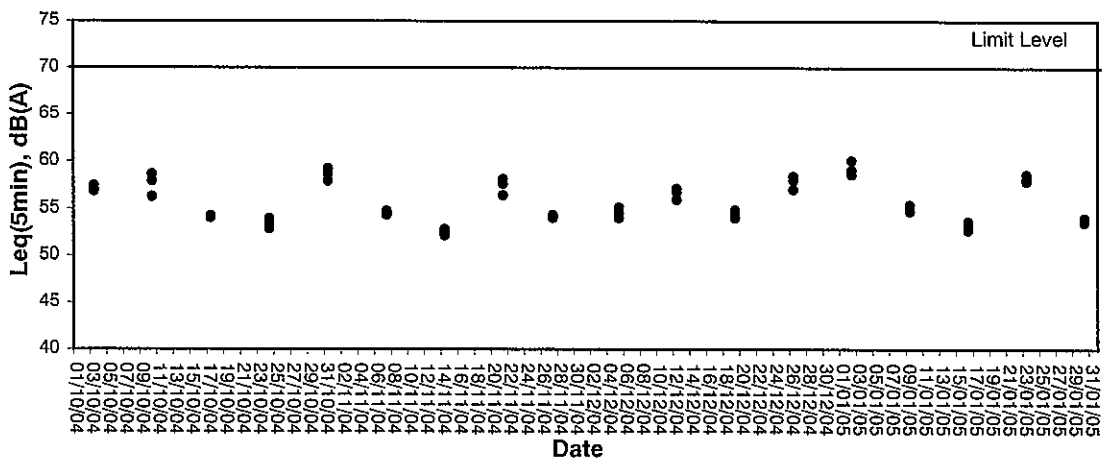


Noise Monitoring (Holiday)

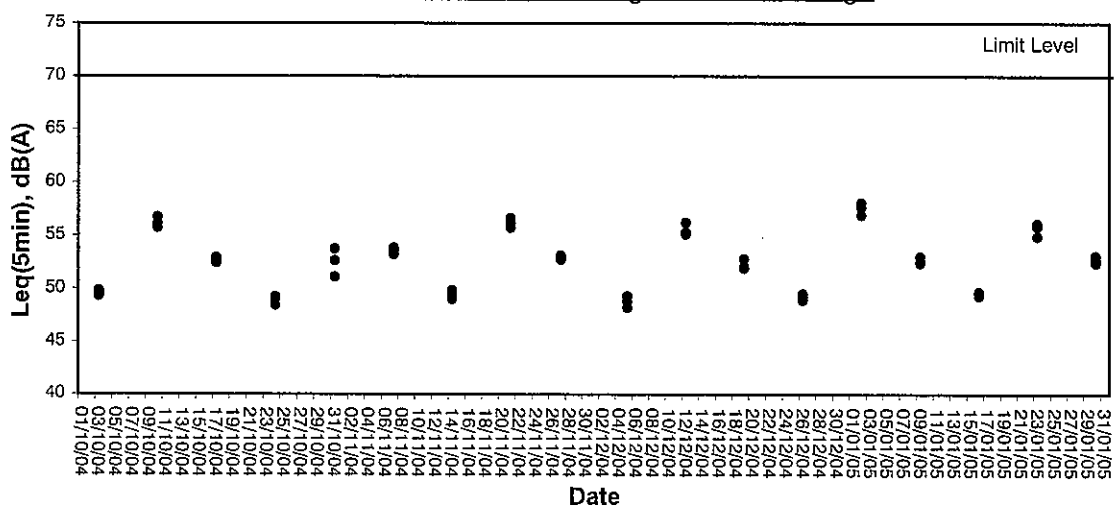
Noise level at NM1, HKIB Staff Accommodation



Noise level at NM2, CUHK Residence No.10



Noise level at NM3, Cheung Shue Tan Village



Appendix D

Weather Condition

Weather Condition

Date	Rainfall (mm)	Max. Temp (°C)	Min. Temp. (°C)	Relative Humidity (%)	Wind Direction	Wind Speed (m/s)
01/01/05	-	12.1	6.4	43	NE	<5
02/01/05	-	14.1	10.7	53	NE	<5
03/01/05	-	18.1	12.1	65	N	<5
04/01/05	-	18.2	15.3	62	N	<5
05/01/05	-	18.0	16.2	77	E	<5
06/01/05	-	20.4	15.2	69	NE	<5
07/01/05	-	19.3	16.2	80	N	<5
08/01/05	-	19.4	16.8	77	N	<5
09/01/05	-	17.6	14.3	70	N	<5
10/01/05	-	16.7	12.9	73	N	<5
11/01/05	-	18.8	15.0	76	NE	<5
12/01/05	-	18.1	14.3	74	N	<5
13/01/05	3.5	16.2	9.9	82	N	<5
14/01/05	-	14.3	7.4	56	N	<5
15/01/05	-	15.3	9.7	52	N	<5
16/01/05	-	15.9	11.2	56	N	<5
17/01/05	-	16.1	13.0	72	N	<5
18/01/05	-	17.7	14.1	78	E	<5
19/01/05	-	18.4	15.6	81	N	<5
20/01/05	-	16.5	15.2	82	NE	<5
21/01/05	Trace	17.2	14.4	79	E	<5
22/01/05	Trace	19.9	15.6	84	NE	<5
23/01/05	-	21.1	16.1	84	E	<5
24/01/05	-	19.7	16.5	82	NE	<5
25/01/05	-	21.6	18.2	88	NE	<5
26/01/05	Trace	20.8	16.9	91	E	<5
27/01/05	Trace	19.6	16.7	87	E	<5
28/01/05	0.4	19.6	18.3	93	NE	<5
29/01/05	Trace	19.3	17.4	93	NE	<5
30/01/05	1.0	18.8	14.8	94	NE	<5
31/01/05	1.0	14.9	12.9	85	N	<5

Remark: Data of wind speed and wind direction were extracted from Hong Kong Observatory (Shatin Station).

Appendix E

Event-Action Plans

Event / Action Plan for Air Quality

EVENT	ACTION			
	ET Leader	IC(E)	ER	CNOTRACTOR
Action Level				
1. Exceedance of one sample	1. Identify source 2. Inform IC(E) and ER 3. Repeat measurement to confirm finding 4. Increase monitoring frequency to daily	1. Check monitoring data submitted by ET 2. Check Contractor's working method.	1. Notify Contractor	1. Rectify any unacceptable practice 2. Amend working methods if possible
2. Exceedance for two more consecutive samples	1. Identify source 2. Inform IC(E) and ER 3. Repeat measurement to confirm findings 4. Increase monitoring frequency to daily 5. Discuss with IC(E) and Contractor on remedial actions required 6. If exceedance continuous, arrange meeting with IC(E) and ER 7. If exceedance stops, cease additional monitoring	1. Checking monitoring data submitted by ET 2. Check Contactor's working method 3. Discuss with ET and Contractor on possible remedial measures 4. Advise the ER on the effectiveness of the proposed remedial measures 5. Supervisor implementation of remedial measures	1. Confirm receipt of notification of failure in writing 2. Notify Contractor 3. Ensure remedial measures properly implemented	1. Submit proposals for remedial action to IC(E) within 3 working days of notification 2. Implement the agreed proposals 3. Amend proposal if possible
Limit Level				
1. Exceedance of one sample	1. Identify source 2. Inform ER and EPD 3. Repeat measurement to confirm finding 4. Increase monitoring frequency to daily 5. Assess effectiveness of Contractor's remedial actions and keep IC(E), EPD and ER informed of the results	1. Check monitoring data submitted by ET 2. Check Contractor's working method. 3. Discuss with ET and Contractor on possible remedial measures 4. Advise the ER on the effectiveness of the proposal remedial measures 5. Supervisor implementation of remedial measures	1. Confirm receipt of notification of failure in writing 2. Notify Contractor 3. Ensure remedial measures properly implemented	1. Take immediate action to avoid further exceedance 2. Submit proposal for remedial actions to IC(E) within 3 working days of notification 3. Implement the agreed proposals 4. Amend proposal if appropriate
2. Exceedance for two or more consecutive samples	1. Notify IC(E), ER, Contractor and EPD 2. Identify source 3. Repeat measurement to confirm findings 4. Increase monitoring frequency to daily 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented 6. Arrange meeting with IC(E) and ER to discuss the remedial actions to be taken 7. Assess effectiveness of Contractor's remedial actions and keep IC(E), EPD and ER to discuss the remedial action to taken 8. If exceedance stops, cease additional monitoring	1. Discuss amongst ER, ET, and Contractor on potential remedial actions 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly 3. Supervise the implementation of remedial measures	1. Confirm receipt of notification of failure in writing 2. Notify Contractor 3. In consultation with the IC(E), agreed with the Contractor on the remedial measures to be implemented 4. Ensure remedial measures properly implemented 5. If exceedance continues, consider what portion of this work is responsible and instruct the Contract to stop that portion of work until the exceedance is abated.	1. Take immediate action to avoid further exceedance 2. Submit proposals for remedial actions to IC(E) within 3 working days of notification 3. Implement the agreed proposals 4. Resubmit proposals if possible still not under control 5. Stop the relevant portion of works as determined by the ER until the exceedance if abated.

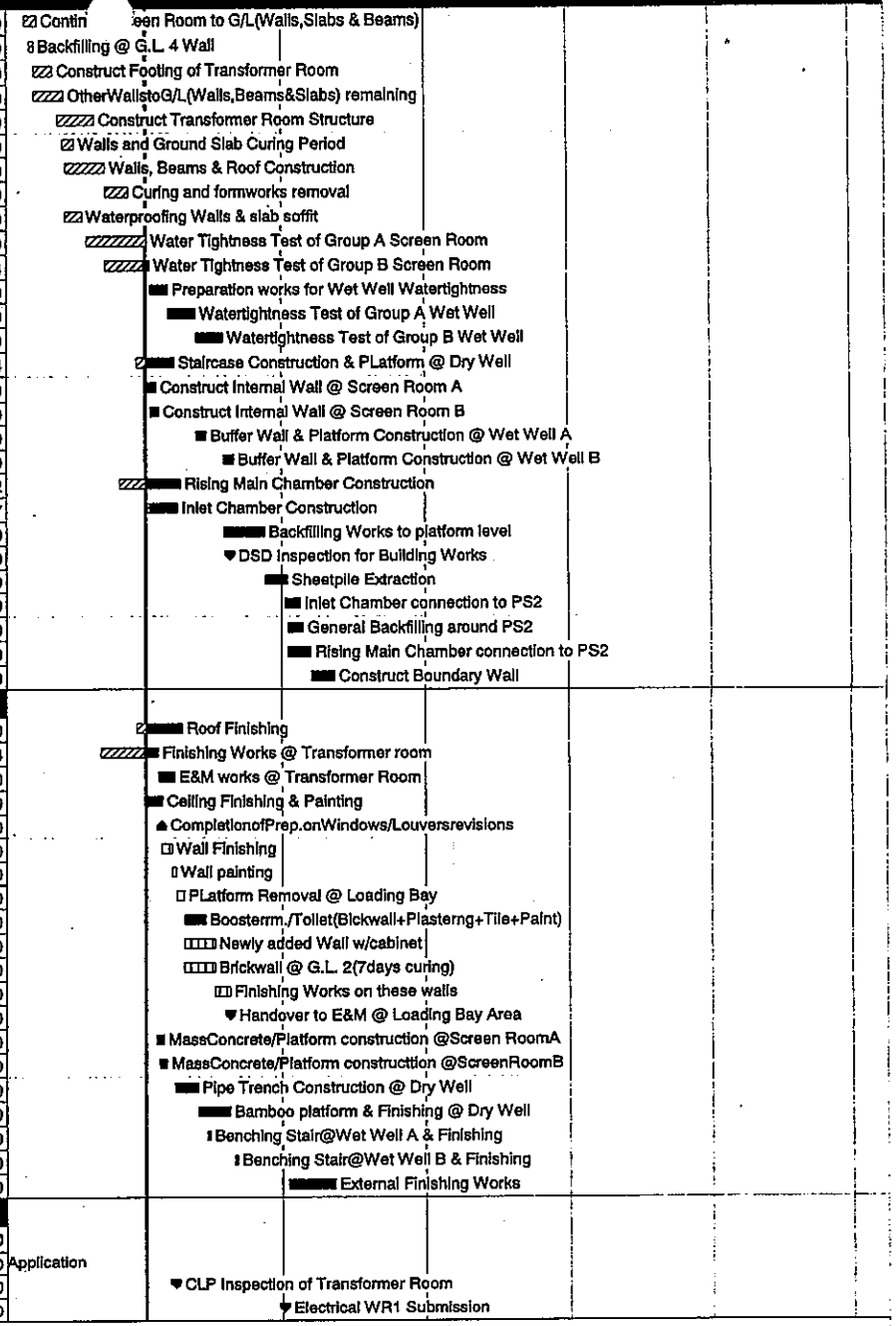
Event / Action Plan for Construction Noise

EVENT	ACTION			
	ET Leader	IC(E)	ER	CNOTRACTOR
Action Level	1. Notify IC(E) and Contractor 2. Carry out investigation 3. Report the results of investigation to the IC(E) and Contractor 4. Discuss with the Contractor and formulate remedial measures 5. Increase monitoring frequency to check mitigation effectiveness	1. Review the analyzed results submitted by the ET 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly 3. Supervise the implementation of remedial measures	1. Confirm receipt of notification of failure in writing 2. Notify Contractor 3. Require Contractor to propose remedial measures for the analyzed noise problem 4. Ensure remedial measures are properly implemented	1. Submit noise mitigation proposal to IC(E) 2. Implement noise mitigation proposals
Limit Level	1. Notify IC(E), ER, and Contractor 2. Identify source 3. Repeat measurement to confirm findings 4. Increase monitoring frequency 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented 6. Inform IC(E), ER and EPD the causes & action taken for the exceedances 7. Assess effectiveness of Contractor's remedial action and keep IC(E), EPD and ER informed to the results 8. If exceedance stops, cease additional monitoring	1. Discuss amongst ER, ET and Contractor on the potential remedial actions 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advice the ER accordingly 3. Supervise the implementation of remedial measures	1. Confirm receipt of notification of failure in writing 2. Notify Contractor 3. Require Contractor to propose remedial measures for the analysed noise problem 4. Ensure remedial measures are properly implemented 5. If exceedance continues, consider what protion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated	1. Take immediate action to avoid further exceedance 2. Submit proposals for remedial actions to IC(E) within 3 working days of notification 3. Implement the agreed proposals 4. Resubmit proposals if problem still not under control 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated

Appendix F

Construction Programme

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
BS-130580	Continue Screen Room to G/L(Walls,Slabs & Beams)	8	15SEP04 A	P04 A	15SEP04 A	22SEP04 A		100
BS-130560	Backfilling @ G.L. 4 Wall	2	18SEP04 A	20SEP04 A	18SEP04 A	20SEP04 A		100
BS-130530	Construct Footing of Transformer Room	12	21SEP04 A	02OCT04 A	21SEP04 A	02OCT04 A		100
BS-130670	OtherWallstoG/L(Walls,Beams&Slabs) remaining	20	21SEP04 A	09OCT04 A	21SEP04 A	09OCT04 A		100
BS-130540	Construct Transformer Room Structure	13	06OCT04 A	29OCT04 A	06OCT04 A	29OCT04 A		100
BS-130630	Walls and Ground Slab Curing Period	7	09OCT04 A	16OCT04 A	09OCT04 A	16OCT04 A		100
BS-130640	Walls, Beams & Roof Construction	14	11OCT04 A	05NOV04 A	11OCT04 A	05NOV04 A		100
BS-130610	Curing and formworks removal	7	06NOV04 A	20NOV04 A	06NOV04 A	20NOV04 A		100
BS-130650	Waterproofing Walls & slab soffit	4	11OCT04 A	21OCT04 A	11OCT04 A	21OCT04 A		100
BS-130660	Water Tightness Test of Group A Screen Room	18	25OCT04 A	02DEC04 A	25OCT04 A	02DEC04 A		100
BS-130680	Water Tightness Test of Group B Screen Room	18	06NOV04 A	04DEC04	06NOV04 A	21DEC04	17d	84
BS-131020	Preparation works for Wet Well Watertightness	12	05DEC04	16DEC04	22DEC04	02JAN05	17d	0
BS-131000	Watertightness Test of Group A Wet Well	18	17DEC04	03JAN05	03JAN05	20JAN05	17d	0
BS-131010	Watertightness Test of Group B Wet Well	18	04JAN05	21JAN05	21JAN05	14FEB05	17d	0
BS-130760	Staircase Construction & PLatform @ Dry Well	25	26NOV04 A	20DEC04	26NOV04 A	11JAN05	22d	24
BS-130770	Construct Internal Wall @ Screen Room A	7	02DEC04	08DEC04	15MAR05	21MAR05	96d	0
BS-130780	Construct Internal Wall @ Screen Room B	6	05DEC04	10DEC04	16MAR05	21MAR05	94d	0
BS-130740	Buffer Wall & Platform Construction @ Wet Well A	7	04JAN05	10JAN05	15FEB05	21FEB05	35d	0
BS-130750	Buffer Wall & Platform Construction @ Wet Well B	7	22JAN05	28JAN05	15FEB05	21FEB05	17d	0
BS-130810	Rising Main Chamber Construction	39	15NOV04 A	24DEC04	15NOV04 A	31MAR05	90d	42
BS-130790	Inlet Chamber Construction	22	03DEC04 A	22DEC04	03DEC04 A	02APR05	94d	7
BS-130700	Backfilling Works to platform level	20	22JAN05	17FEB05	17FEB05	08MAR05	19d	0
BS-130690	DSD Inspection for Building Works	0	26JAN05		02MAY05		81d	0
BS-130710	Sheetpile Extraction	15	18FEB05	04MAR05	09MAR05	23MAR05	19d	0
BS-130800	Inlet Chamber connection to PS2	10	03MAR05	12MAR05	06APR05	15APR05	34d	0
BS-130730	General Backfilling around PS2	10	05MAR05	14MAR05	06APR05	15APR05	32d	0
BS-131030	Rising Main Chamber connection to PS2	15	05MAR05	19MAR05	01APR05	15APR05	27d	0
BS-131040	Construct Boundary Wall	15	20MAR05	03APR05	16APR05	30APR05	27d	0
Part 1/2 Finishing Works								
BS-130830	Roof Finishing	30	26NOV04 A	25DEC04	26NOV04 A	25JAN05	31d	20
BS-130620	Finishing Works @ Transformer room	30	03NOV04 A	09DEC04	03NOV04 A	23JAN05	45d	74
BS-130720	E&M works @ Transformer Room	11	10DEC04	20DEC04	24JAN05	03FEB05	45d	0
BS-130900	Ceiling Finishing & Painting	12	01DEC04 A	12DEC04	01DEC04 A	18DEC04	6d	9
BS-130990	CompletionofPrep.onWindows/Louversrevisions	0		11DEC04 *		11DEC04	0	0
BS-130910	Wall Finishing	7	12DEC04	18DEC04	12DEC04	18DEC04	0	0
BS-130920	Wall painting	3	19DEC04	21DEC04	19DEC04	21DEC04	0	0
BS-130930	PLatform Removal @ Loading Bay	5	22DEC04	26DEC04	22DEC04	26DEC04	0	0
BS-130940	Boosterm./Toilet(Bickwall+Plasterng+Tile+Paint)	14	27DEC04	09JAN05	02JAN05	15JAN05	6d	0
BS-130950	Newly added Wall w/cabinet	20	27DEC04	15JAN05	27DEC04	15JAN05	0	0
BS-130960	Brickwall @ G.L. 2(7days curing)	20	27DEC04	15JAN05	27DEC04	15JAN05	0	0
BS-130970	Finishing Works on these walls	10	16JAN05	25JAN05	16JAN05	25JAN05	0	0
BS-130980	Handover to E&M @ Loading Bay Area	0	26JAN05		26JAN05		0	0
BS-130840	MassConcrete/Platform construction @Screen RoomA	5	09DEC04	13DEC04	22MAR05	26MAR05	96d	0
BS-130850	MassConcrete/Platform constructtion @ScreenRoomB	5	11DEC04	15DEC04	22MAR05	26MAR05	94d	0
BS-130880	Pipe Trench Construction @ Dry Well	15	21DEC04	04JAN05	12JAN05	26JAN05	22d	0
BS-130890	Bamboo platform & Finishing @ Dry Well	21	05JAN05	25JAN05	27JAN05	23FEB05	22d	0
BS-130860	Benching Stair@Wet Well A & Finishing	2	11JAN05	12JAN05	22FEB05	23FEB05	35d	0
BS-130870	Benching Stair@Wet Well B & Finishing	2	29JAN05	30JAN05	22FEB05	23FEB05	17d	0
BS-130820	External Finishing Works	30	05MAR05	03APR05	01APR05	30APR05	27d	0
Part 1/4 Electrical & Mechanical Equipment								
BS-134020	Power Supply Application	0	11DEC03 A		11DEC03 A			100
BS-134030	Direct Link Application	0	07JUL04 A		07JUL04 A			100
BS-134110	CLP Inspection of Transformer Room	0	21DEC04		04FEB05		36d	0
BS-134010	Electrical WR1 Submission	0	02MAR05		04APR05		27d	0



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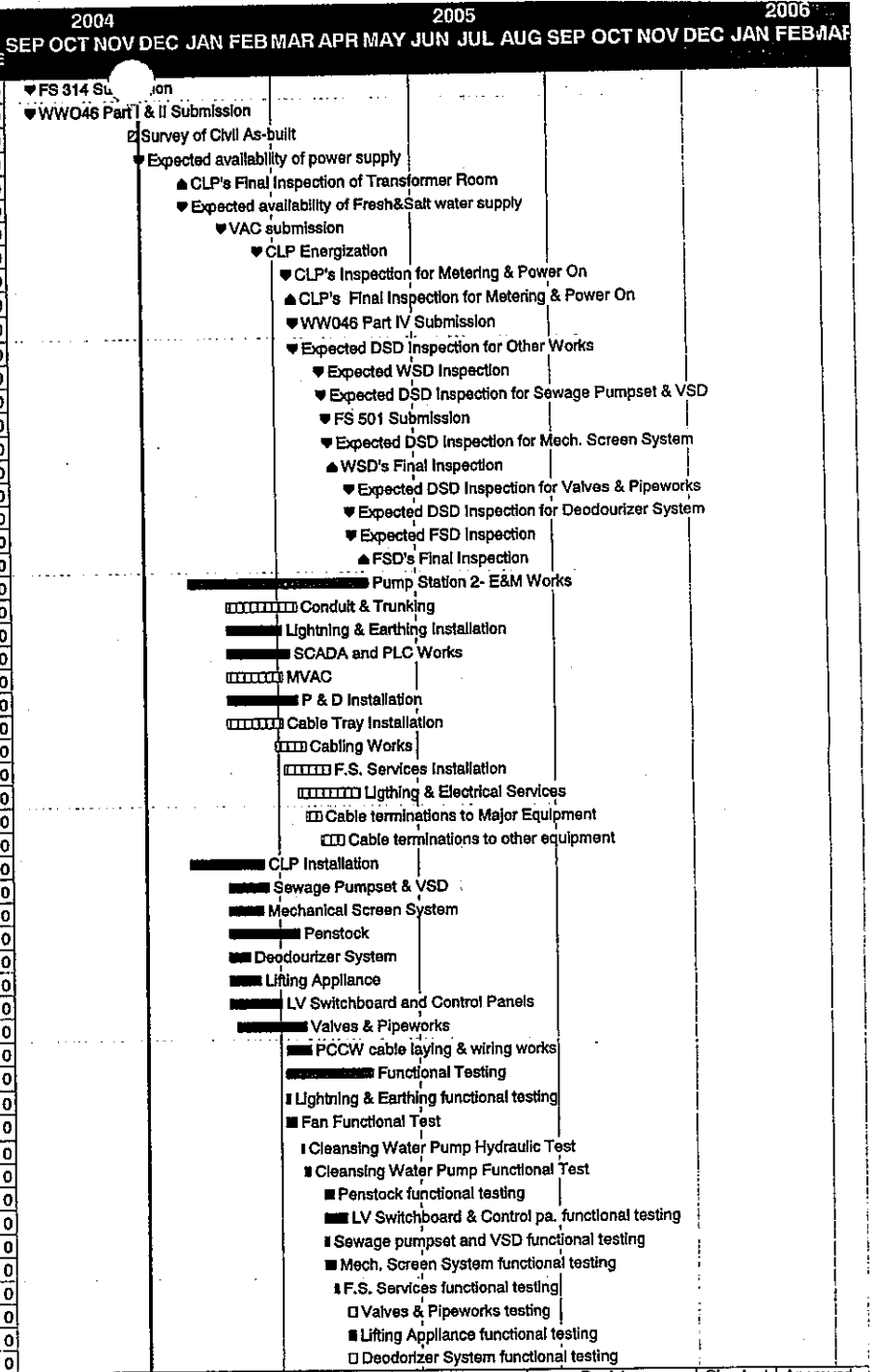
BS-135050	FS 314 Submission	0	20SEP04 A		20SEP04 A			100
BS-135110	WW046 Part I & II Submission	0	20SEP04 A		20SEP04 A			100
BS-136030	Survey of Civil As-built	7	25NOV04 A	30NOV04 A	25NOV04 A	30NOV04 A		100
BS-135100	Expected availability of power supply	0	02DEC04		04APR05		116d	0
BS-134130	CLP's Final Inspection of Transformer Room	0		30DEC04		11FEB05	36d	0
BS-135090	Expected availability of Fresh&Salt water supply	0	31DEC04		28APR05		111d	0
BS-135170	VAC submission	0	26JAN05		26JAN05		0	0
BS-136020	CLP Energization	0	19FEB05		04APR05		36d	0
BS-135190	CLP's Inspection for Metering & Power On	0	10MAR05		16APR05		31d	0
BS-135200	CLP's Final Inspection for Metering & Power On	0		12MAR05		19APR05	31d	0
BS-135120	WW046 Part IV Submission	0	14MAR05		04APR05		17d	0
BS-135160	Expected DSD Inspection for Other Works	0	14MAR05		28APR05		38d	0
BS-135030	Expected WSD Inspection	0	31MAR05		20APR05		17d	0
BS-135040	Expected DSD Inspection for Sewage Pumpset & VSD	0	01APR05		28APR05		23d	0
BS-135060	FS 501 Submission	0	04APR05		04APR05		0	0
BS-135130	Expected DSD Inspection for Mech. Screen System	0	05APR05		28APR05		20d	0
BS-135180	WSD's Final Inspection	0		07APR05		27APR05	17d	0
BS-135140	Expected DSD Inspection for Valves & Pipeworks	0	19APR05		28APR05		8d	0
BS-135150	Expected DSD Inspection for Deodourizer System	0	19APR05		28APR05		8d	0
BS-135070	Expected FSD Inspection	0	20APR05		20APR05		0	0
BS-135210	FSD's Final Inspection	0		27APR05		27APR05	0	0
BS-133000	Pump Station 2- E&M Works	114*	31DEC04	30APR05	26JAN05	30APR05	0	0
BS-136040	Conduit & Trunking	40	26JAN05	13MAR05	26JAN05	13MAR05	0	0
BS-136060	Lightning & Earthing Installation	30	26JAN05	03MAR05	26MAR05	24APR05	52d	0
BS-136080	SCADA and PLC Works	35	26JAN05	08MAR05	15MAR05	18APR05	41d	0
BS-136090	MVAC	30	26JAN05	03MAR05	26JAN05	03MAR05	0	0
BS-136100	P & D Installation	40	26JAN05	13MAR05	23FEB05	03APR05	21d	0
BS-136120	Cable Tray Installation	30	26JAN05	03MAR05	26JAN05	03MAR05	0	0
BS-136070	Cabling Works	20	27FEB05	18MAR05	27FEB05	18MAR05	0	0
BS-136110	F.S. Services Installation	30	05MAR05	03APR05	05MAR05	03APR05	0	0
BS-136050	Ligthing & Electrical Services	41	14MAR05	23APR05	14MAR05	23APR05	0	0
BS-136130	Cable terminations to Major Equipment	10	19MAR05	28MAR05	19MAR05	28MAR05	0	0
BS-136140	Cable terminations to other equipment	15	29MAR05	12APR05	29MAR05	12APR05	0	0
BS-136010	CLP Installation	42	31DEC04	18FEB05	12FEB05	02APR05	36d	0
BS-134040	Sewage Pumpset & VSD	20	26JAN05	21FEB05	27MAR05	15APR05	53d	0
BS-134050	Mechanical Screen System	16	26JAN05	17FEB05	27MAR05	11APR05	53d	0
BS-134060	Penstock	40	26JAN05	13MAR05	03MAR05	11APR05	29d	0
BS-134080	Deodourizer System	12	26JAN05	08FEB05	30MAR05	12APR05	53d	0
BS-134090	Lifting Appliance	14	26JAN05	15FEB05	12APR05	25APR05	69d	0
BS-134100	LV Switchboard and Control Panels	30	26JAN05	01MAR05	26FEB05	02APR05	27d	0
BS-134070	Valves & Pipeworks	40	31JAN05	17MAR05	24FEB05	12APR05	21d	0
BS-134120	PCCW cable laying & wiring works	16	05MAR05	20MAR05	09APR05	24APR05	35d	0
BS-137010	Functional Testing	58*	04MAR05	30APR05	25APR05	30APR05	0	0
BS-137040	Lightning & Earthing functional testing	3	04MAR05	06MAR05	25APR05	27APR05	52d	0
BS-137130	Fan Functional Test	7	04MAR05	10MAR05	21APR05	27APR05	48d	0
BS-137180	Cleansing Water Pump Hydraulic Test	2	14MAR05	15MAR05	22APR05	23APR05	39d	0
BS-137190	Cleansing Water Pump Functional Test	4	16MAR05	19MAR05	24APR05	27APR05	39d	0
BS-137070	Penstock functional testing	6	29MAR05	03APR05	13APR05	18APR05	15d	0
BS-137100	LV Switchboard & Control pa. functional testing	15	29MAR05	12APR05	04APR05	18APR05	6d	0
BS-137110	Sewage pumpset and VSD functional testing	3	29MAR05	31MAR05	16APR05	18APR05	18d	0
BS-137120	Mech. Screen System functional testing	7	29MAR05	04APR05	12APR05	18APR05	14d	0
BS-137030	F.S. Services functional testing	3	04APR05	06APR05	25APR05	27APR05	21d	0
BS-137060	Valves & Pipeworks testing	6	13APR05	18APR05	13APR05	18APR05	0	0
BS-137080	Lifting Appliance functional testing	5	13APR05	17APR05	26APR05	30APR05	13d	0
BS-137090	Deodorizer System functional testing	6	13APR05	18APR05	13APR05	18APR05	0	0



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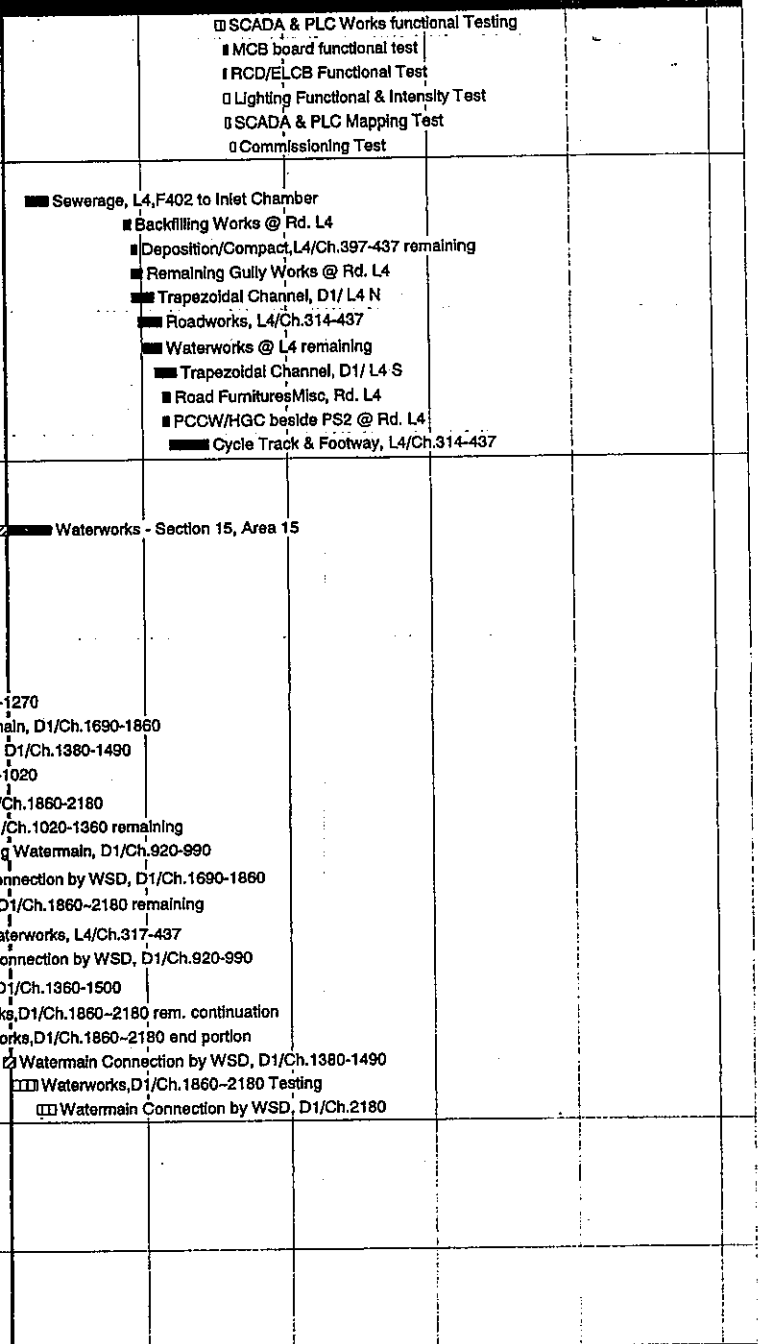
BS-137020	SCADA & PLC Works functional Testing	6	19APR05	[illegible]05	19APR05	24APR05	0	0
BS-137150	MCB board functional test	3	24APR05	26APR05	25APR05	27APR05	1d	0
BS-137160	RCD/ELCB Functional Test	2	24APR05	25APR05	26APR05	27APR05	2d	0
BS-137170	Lighting Functional & Intensity Test	4	24APR05	27APR05	24APR05	27APR05	0	0
BS-137140	SCADA & PLC Mapping Test	3	25APR05	27APR05	25APR05	27APR05	0	0
BS-137000	Commissioning Test	3	28APR05	30APR05	28APR05	30APR05	0	0
Other Works Related to PS2								
B4-1685B18	Sewerage, L4,F402 to Inlet Chamber	15	16DEC04	30DEC04	27MAR05	10APR05	94d	0
B3-1622N17	Backfilling Works @ Rd. L4	5	18FEB05	22FEB05	09MAR05	13MAR05	19d	0
B3-1622N27	Deposition/Compact,L4/Ch.397-437 remaining	4	23FEB05	26FEB05	21MAR05	24MAR05	26d	0
B4-1689D14	Remaining Gully Works @ Rd. L4	7	23FEB05	01MAR05	14MAR05	20MAR05	19d	0
B4-1689D3	Trapezoidal Channel, D1/ L4 N	14	23FEB05	08MAR05	03APR05	16APR05	39d	0
B5-1670A7	Roadworks, L4/Ch.314-437	15	27FEB05	13MAR05	11APR05	25APR05	43d	0
B6-1595D96	Waterworks @ L4 remaining	12	02MAR05	13MAR05	21MAR05	01APR05	19d	0
B4-1689D4	Trapezoidal Channel, D1/ L4 S	14	09MAR05	22MAR05	17APR05	30APR05	39d	0
B5-1674G10	Road FurnituresMisc, Rd. L4	5	14MAR05	18MAR05	26APR05	30APR05	43d	0
UT-1600PS	PCCW/HGC beside PS2 @ Rd. L4	4	14MAR05	17MAR05	02APR05	05APR05	19d	0
B5-1672A7	Cycle Track & Footway, L4/Ch.314-437	25	18MAR05	11APR05	06APR05	30APR05	19d	0
Section 15- Waterworks in Area 15								
Part 6,10 Waterworks - Section 15								
B6-150000	Waterworks - Section 15, Area 15	332 *	03FEB04 A	30DEC04	03FEB04 A	30DEC04	0	91
B6-1594A0	Trial Pits	4	03FEB04 A	03FEB04 A	03FEB04 A	03FEB04 A		100
B6-1595D4	Waterworks, D1/Ch.1500-1860	90	04FEB04 A	13MAY04 A	04FEB04 A	13MAY04 A		100
B6-1595D2	Waterworks, D1/Ch.1200-1360	40	16FEB04 A	09APR04 A	16FEB04 A	09APR04 A		100
B6-1595D12	Replace Exisiting Watermain,D1/Ch.1200-1270	14	25FEB04 A	12MAR04 A	25FEB04 A	12MAR04 A		100
B6-1595D31	Replace Existing Watermain, D1/Ch.1100-1200	20	13MAR04 A	15MAR04 A	13MAR04 A	15MAR04 A		100
B6-1595D41	Watermain Connection by WSD, D1/Ch.1100-1200	32	16MAR04 A	18MAR04 A	16MAR04 A	18MAR04 A		100
B6-1595D22	Watermain Connection by WSD,D1/Ch.1200-1270	32	29APR04 A	29APR04 A	29APR04 A	29APR04 A		100
B6-1595D14	Replace Existing Watermain, D1/Ch.1690-1860	34	25JUN04 A	31JUL04 A	25JUN04 A	31JUL04 A		100
B6-1595D13	Replace Existing Watermain, D1/Ch.1380-1490	22	02JUL04 A	12JUL04 A	02JUL04 A	12JUL04 A		100
B6-1595D1	Waterworks, D1/Ch.920-1020	30	19JUL04 A	01AUG04 A	19JUL04 A	01AUG04 A		100
B6-1595D6	Waterworks, D1/Ch.1860-2180	40	02AUG04 A	07SEP04 A	02AUG04 A	07SEP04 A		100
B6-1595D61	Waterworks, D1/Ch.1020-1360 remaining	35	02AUG04 A	10SEP04 A	02AUG04 A	10SEP04 A		100
B6-1595D11	Replace Existing Watermain, D1/Ch.920-990	15	19AUG04 A	12SEP04 A	19AUG04 A	12SEP04 A		100
B6-1595D24	Watermain Connection by WSD, D1/Ch.1690-1860	15	24AUG04 A	18SEP04 A	24AUG04 A	18SEP04 A		100
B6-1595D36	Waterworks, D1/Ch.1860~2180 remaining	20	07SEP04 A	20SEP04 A	07SEP04 A	20SEP04 A		100
B6-1595D7	Waterworks, L4/Ch.317-437	20	07SEP04 A	09NOV04 A	07SEP04 A	09NOV04 A		100
B6-1595D21	Watermain Connection by WSD, D1/Ch.920-990	15	13SEP04 A	21SEP04 A	13SEP04 A	21SEP04 A		100
B6-1595D3	Waterworks, D1/Ch.1360-1500	25	13SEP04 A	18SEP04 A	13SEP04 A	18SEP04 A		100
B6-1595D86	Waterworks,D1/Ch.1860~2180 rem. continuation	12	21SEP04 A	06OCT04 A	21SEP04 A	06OCT04 A		100
B6-1595D76	Waterworks,D1/Ch.1860~2180 end portion	14	07OCT04 A	16OCT04 A	07OCT04 A	16OCT04 A		100
B6-1595D23	Watermain Connection by WSD, D1/Ch.1380-1490	15	27NOV04 A	04DEC04	27NOV04 A	30DEC04	26d	81
B6-1595D56	Waterworks,D1/Ch.1860~2180 Testing	18	01DEC04 A	18DEC04	01DEC04 A	18DEC04	0	5
B6-1595D66	Watermain Connection by WSD, D1/Ch.2180	12	19DEC04	30DEC04	19DEC04	30DEC04	0	0
Section 16- Remainder of Works, except LS+EW								
Part 2,4 Site Clearance - Section 16								
B2-160000	Site Clearance - Section 16, Remainder	242 *	25APR03 A	22DEC03 A	25APR03 A	22DEC03 A		100
B2-1604A0	Remove disused UPVC duct	350	25APR03 A	19DEC03 A	25APR03 A	19DEC03 A		100
B2-1604B0	Remove disused concrete pipe	150	20NOV03 A	22DEC03 A	20NOV03 A	22DEC03 A		100
Part 3,11 Earthworks - Section 16								
B3-160000	Earthworks - Section 16, Remainder	304 *	30SEP02 A	07AUG03 A	30SEP02 A	07AUG03 A		100
B3-1622L1	Zone E, Excavate ex.mound #1, at SRE site office	6	30SEP02 A	10OCT02 A	30SEP02 A	10OCT02 A		100
B3-1622L3	Zone C, Excavate ex.mound #2, at site office	10	07OCT02 A	25OCT02 A	07OCT02 A	25OCT02 A		100



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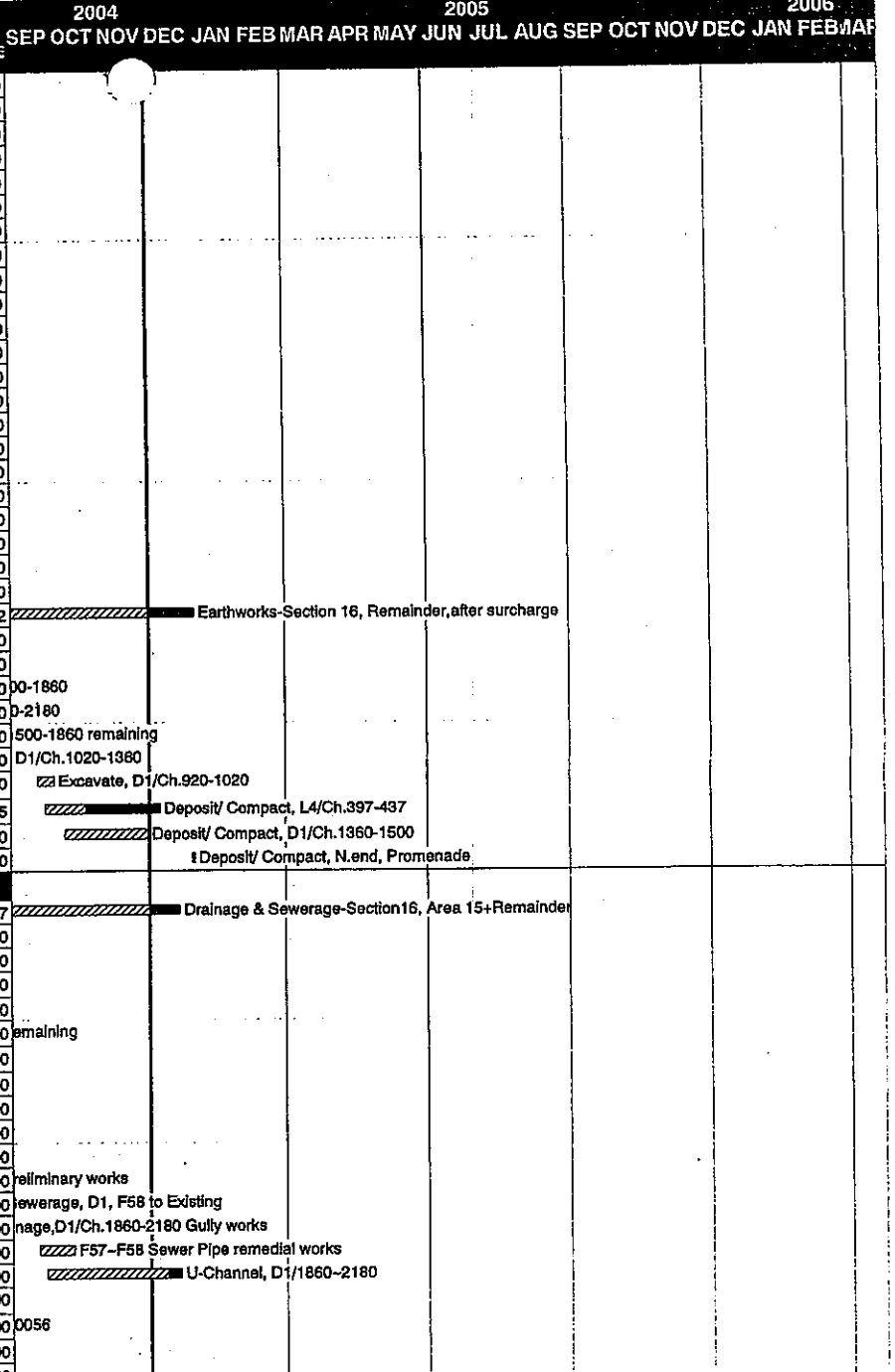
B3-1622L1A	Zone E, Excavate ex.mound #1, N of school site	12	20OCT02 A	04.[illegible]2 A	20OCT02 A	04NOV02 A		100
B3-1622L1B	Zone E, Excavate ex.mound #1, W of office area	13	28OCT02 A	07NOV02 A	28OCT02 A	07NOV02 A		100
B3-1622L2	Zone E, Excavate ex.mound #1, the rest	12	28NOV02 A	13JAN03 A	28NOV02 A	13JAN03 A		100
B3-1622M0	Excavate, NE of H.Site 1, Promenade	70	07DEC02 A	26APR03 A	07DEC02 A	26APR03 A		100
B3-1623F2	S5, Preloading Mound Formation, Zone S3,Phase 9B	10	09DEC02 A	31JUL03 A	09DEC02 A	31JUL03 A		100
B3-1623H2	S5, Preloading Mound Formation, Zone S3,Phase 9D	10	12DEC02 A	31JUL03 A	12DEC02 A	31JUL03 A		100
B3-1623H3	S5, Preloading Mound Formation, Zone S3,Phase 9E	10	12DEC02 A	31JUL03 A	12DEC02 A	31JUL03 A		100
B3-1601A1	Vibrating wire pizometer, S6, No. 6P6	6	02JAN03 A	28JAN03 A	02JAN03 A	28JAN03 A		100
B3-1601E2	Moving rigs, S5, 4 nr.	12	03JAN03 A	23FEB03 A	03JAN03 A	23FEB03 A		100
B3-1601A2	Vibrating wire pizometer, S5, No. 5P1	6	27JAN03 A	27FEB03 A	27JAN03 A	27FEB03 A		100
B3-1601I2	Fieldwork Reports, S5	12	03FEB03 A	26FEB03 A	03FEB03 A	26FEB03 A		100
B3-1601G2	Ground Investigation, S5, 4nr	12	17FEB03 A	17FEB03 A	17FEB03 A	17FEB03 A		100
B3-1601D0	Establish rigs for GI, S6	3	27FEB03 A	01MAR03 A	27FEB03 A	01MAR03 A		100
B3-1601E1	Moving rigs, S6, 4 nr.	12	02MAR03 A	13MAR03 A	02MAR03 A	13MAR03 A		100
B3-1601G1	Ground Investigation, S6, 4nr	12	05MAR03 A	16MAR03 A	05MAR03 A	16MAR03 A		100
B3-1601I1	Fieldwork Reports, S6	12	14MAR03 A	25MAR03 A	14MAR03 A	25MAR03 A		100
B3-1601C1	Subsurface Settlement Marker, No. 6M6	3	27MAR03 A	29MAR03 A	27MAR03 A	29MAR03 A		100
B3-1601C2	Subsurface Settlement Marker, No. 5M1	3	27MAR03 A	29MAR03 A	27MAR03 A	29MAR03 A		100
B3-1601C3	Subsurface Settlement Marker, No. 5M2	3	30MAR03 A	01APR03 A	30MAR03 A	01APR03 A		100
B3-1623F3	S5, Preloading Mound Formation, Zone S3,Phase 9C	10	31JUL03 A	31JUL03 A	31JUL03 A	31JUL03 A		100
B3-1601B3	Surface Settlement Marker, No. 5M2	3	05AUG03 A	07AUG03 A	05AUG03 A	07AUG03 A		100
B3-1601B2	Surface Settlement Marker, No. 5M1	3	06AUG03 A	06AUG03 A	06AUG03 A	06AUG03 A		100
B3-16000S	Earthworks-Section 16, Remainder,after surcharge	367 *	23DEC03 A	31DEC04	23DEC03 A	31DEC04	0	92
B3-1623I2	S5, Mound Removal, Zone S3,Phase9B&D	19	23DEC03 A	24DEC03 A	23DEC03 A	24DEC03 A		100
B3-1623I3	S5,Mound Removal, Zone S3,Phase9C&E	19	24DEC03 A	31DEC03 A	24DEC03 A	31DEC03 A		100
B3-1622M4	Excavate , D1/Ch.1500-1860	45	10MAR04 A	26MAY04 A	10MAR04 A	26MAY04 A		100
B3-1622M6	Excavate, D1/Ch.1860-2180	15	30APR04 A	24MAY04 A	30APR04 A	24MAY04 A		100
B3-1622M12	Excavate, D1/Ch.1500-1860 remaining	15	26MAY04 A	08JUN04 A	26MAY04 A	08JUN04 A		100
B3-1622M2	Excavate, D1/Ch.1020-1360	25	21JUL04 A	16JUL04 A	21JUL04 A	16JUL04 A		100
B3-1622M1	Excavate, D1/Ch.920-1020	25	20SEP04 A	30SEP04 A	20SEP04 A	30SEP04 A		100
B3-1622N7	Deposit/ Compact, L4/Ch.397-437	10	25SEP04 A	08DEC04	25SEP04 A	20MAR05	95d	35
B3-1622N3	Deposit/ Compact, D1/Ch.1360-1500	5	08OCT04 A	30NOV04 A	08OCT04 A	30NOV04 A		100
B3-1622N9	Deposit/ Compact, N.end, Promenade	2	30DEC04	31DEC04	30DEC04	31DEC04	0	0
Part 4 of Drainage & Sewerage Section 16								
B4-160000	Drainage & Sewerage-Section16, Area 15+Remainder	728 *	09DEC02 A	21DEC04	09DEC02 A	07JAN05	17d	97
B4-1683B0	Drainage, S764-S779, NW of H.Site 1, Promenade	75	09DEC02 A	30MAR03 A	09DEC02 A	30MAR03 A		100
B4-1689C1	Trapezoidal Channel, Area 13A	12	13DEC02 A	13DEC02 A	13DEC02 A	13DEC02 A		100
B4-1683B6	Drainage, D1, S0076-S0080	70	26APR03 A	26DEC03 A	26APR03 A	26DEC03 A		100
B4-1685B6	Sewerage, D1, F056-F054	18	18DEC03 A	28DEC03 A	18DEC03 A	28DEC03 A		100
B4-1683B36	Drainage, D1, S0076-S0080 remaining	75	26DEC03 A	15APR04 A	26DEC03 A	15APR04 A		100
B4-1683B16	Drainage connection to SB5	41	29DEC03 A	23FEB04 A	29DEC03 A	23FEB04 A		100
B4-1685B26	Sewerage, D1, F054-F052	25	09FEB04 A	27MAR04 A	09FEB04 A	27MAR04 A		100
B4-1685B16	Sewerage, D1, F056-F058	20	19FEB04 A	03MAR04 A	19FEB04 A	03MAR04 A		100
B4-1683B26	Drainage connection to SB3	16	22FEB04 A	24FEB04 A	22FEB04 A	24FEB04 A		100
B4-1685B12	Drainage,D1, S0080 to Existing	25	04MAR04 A	27MAR04 A	04MAR04 A	27MAR04 A		100
B4-1683B76	Site Investigation & preliminary works	15	29MAR04 A	24MAY04 A	29MAR04 A	24MAY04 A		100
B4-1683B66	Sewerage, D1, F58 to Existing	30	25MAY04 A	26AUG04 A	25MAY04 A	26AUG04 A		100
B4-1683B46	Drainage,D1/Ch.1860-2180 Gully works	30	06JUN04 A	12AUG04 A	06JUN04 A	12AUG04 A		100
B4-1683B86	F57~F58 Sewer Pipe remedial works	24	20SEP04 A	12OCT04 A	20SEP04 A	12OCT04 A		100
B4-1683B56	U-Channel, D1/1860~2180	45	25SEP04 A	21DEC04	25SEP04 A	07JAN05	17d	90
B4-1685B2	Sewerage, D1, F038-F040	40	20JUN03 A	12NOV03 A	20JUN03 A	12NOV03 A		100
B4-1683B2	Drainage, D1, S0051-S0056	40	08OCT03 A	15MAY04 A	08OCT03 A	15MAY04 A		100
B4-1683B4	Drainage, D1, S0061-S0074	90	10JUN03 A	26DEC03 A	10JUN03 A	26DEC03 A		100
B4-1685B4	Sewerage, D1, F048-F051	90	17OCT03 A	15NOV03 A	17OCT03 A	15NOV03 A		100



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Contract No. TP35/02
Remaining Engineering Infrastructure Works
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REVISED WORKS PROGRAMME I

Date	Revision	Checked	Approved
01JUN04	No.9 Revision G	WAJ	WL
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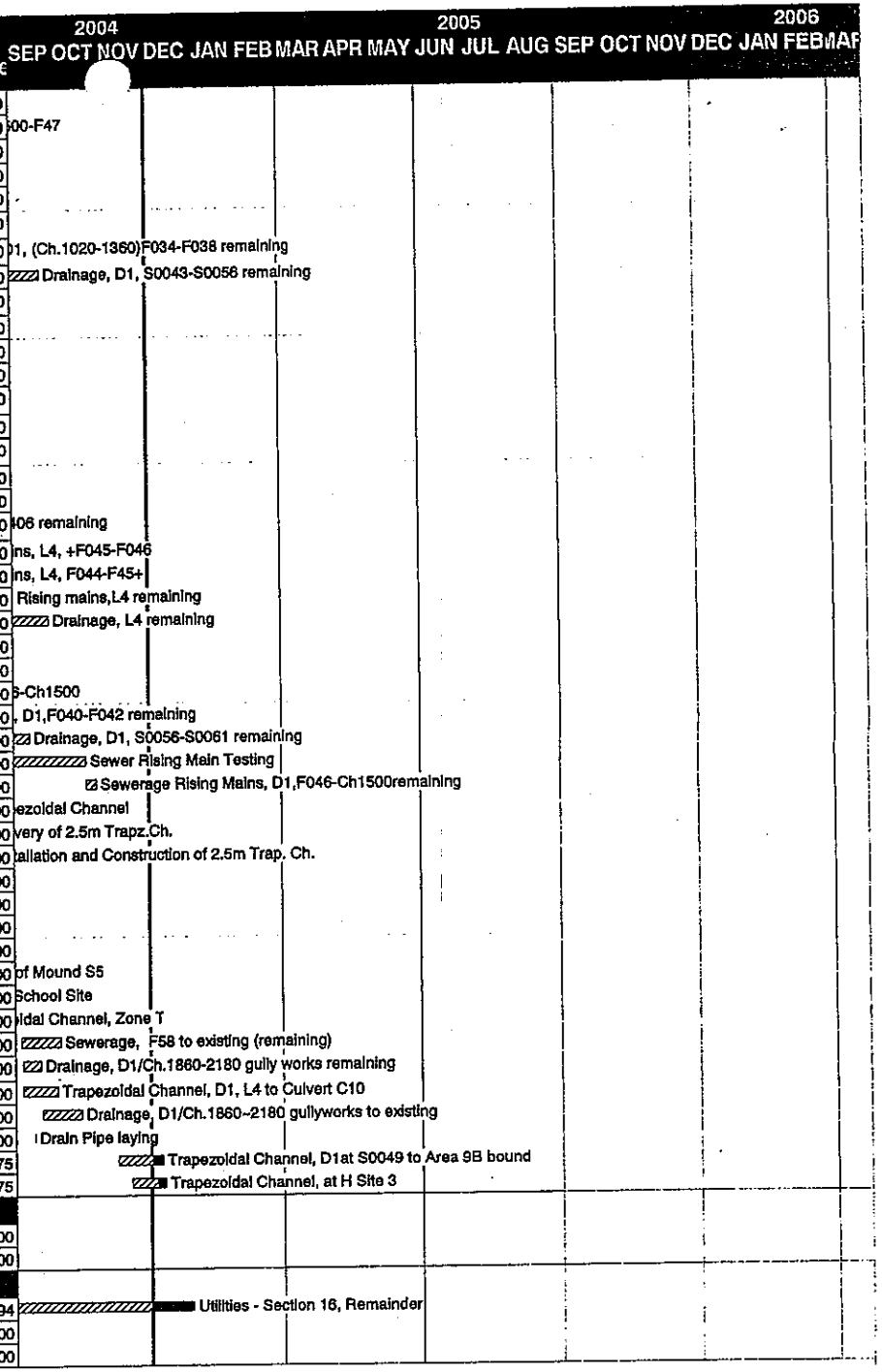
04OCT04	No.11 Revision H	WAJ	WL
17DEC04	No.12 Revision I	WAJ	WL

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
B4-1683B14	Drainage, D1,S0061-S0074 remaining	60	26DEC03 A	[illegible]EB04 A	26DEC03 A	29FEB04 A		100
B4-1691B4	Sewerage Rising Mains, D1, Ch1500-F47	30	14FEB04 A	27MAR04 A	14FEB04 A	27MAR04 A		100
B4-1685B11	Sewerage, D1, F034-F038	72	25JUL03 A	20MAR04 A	25JUL03 A	20MAR04 A		100
B4-1683B11	Drainage ,D1, S0043-S0051	90	13OCT03 A	29MAR04 A	13OCT03 A	29MAR04 A		100
B4-1685B1	Sewerage, D1, F031-F034	32	06JAN04 A	04MAR04 A	06JAN04 A	04MAR04 A		100
B4-1683B1	Drainage, D1, S0038-S0043	50	07FEB04 A	24MAR04 A	07FEB04 A	24MAR04 A		100
B4-1685B21	Sewerage, D1, (Ch.1020-1360)F034-F038 remaining	52	26MAY04 A	05JUL04 A	26MAY04 A	05JUL04 A		100
B4-1683B21	Drainage, D1, S0043-S0056 remaining	55	28JUN04 A	22SEP04 A	28JUN04 A	22SEP04 A		100
B4-1683B5	Drainage, D1, S0074-S0076 preliminary works	35	03NOV03 A	05NOV03 A	03NOV03 A	05NOV03 A		100
B4-1683B15	Drainage, D1, S0074-S0076 remaining	37	03JAN04 A	28JAN04 A	03JAN04 A	28JAN04 A		100
B4-1685B5	Sewerage, D1, F051-F052	35	23MAR04 A	20APR04 A	23MAR04 A	20APR04 A		100
B4-1685B8	Sewerage, L4, F043-F402	25	19JUL03 A	10NOV03 A	19JUL03 A	10NOV03 A		100
B4-1683B8	Drainage, L4, S402-S406 Pipe Laying Works	80	22SEP03 A	31OCT03 A	22SEP03 A	31OCT03 A		100
B4-1683B7	Drainage, L4, S406-S401	14	01NOV03 A	23APR04 A	01NOV03 A	23APR04 A		100
B4-1685B7	Sewerage, L4, F042-F043	14	25NOV03 A	17DEC03 A	25NOV03 A	17DEC03 A		100
B4-1683B17	Drainage, L4, S406-S407	45	02JAN04 A	30MAR04 A	02JAN04 A	30MAR04 A		100
B4-1683B27	Drainage, L4, S406-S404	35	02JAN04 A	30MAR04 A	02JAN04 A	30MAR04 A		100
B4-1683B8A	Drainage,L4,S402-S406 remaining	36	15JAN04 A	26MAY04 A	15JAN04 A	26MAY04 A		100
B4-1691B7	Sewerage Rising Mains, L4, +F045-F046	20	05MAR04 A	26MAY04 A	05MAR04 A	26MAY04 A		100
B4-1691B8	Sewerage Rising Mains, L4, F044-F45+	30	10MAY04 A	26MAY04 A	10MAY04 A	26MAY04 A		100
B4-1685B28	Sewerage Rising mains,L4 remaining	45	26MAY04 A	15JUL04 A	26MAY04 A	15JUL04 A		100
B4-1685B38	Drainage, L4 remaining	35	26JUN04 A	26SEP04 A	26JUN04 A	26SEP04 A		100
B4-1683B3	Drainage, D1, S0056-S0061	70	10NOV03 A	30DEC03 A	10NOV03 A	30DEC03 A		100
B4-1685B3	Sewerage, D1, F040-F042	35	18NOV03 A	22DEC03 A	18NOV03 A	22DEC03 A		100
B4-1691B3	Sewerage Rising Mains, D1, F046-Ch1500	25	16MAR04 A	30MAR04 A	16MAR04 A	30MAR04 A		100
B4-1685B13	Sewerage, D1,F040-F042 remaining	25	23JUN04 A	15JUL04 A	23JUN04 A	15JUL04 A		100
B4-1683B13	Drainage, D1, S0056-S0061 remaining	50	16JUL04 A	13SEP04 A	16JUL04 A	13SEP04 A		100
B4-1691B23	Sewer Rising Main Testing	45	16AUG04 A	20OCT04 A	16AUG04 A	20OCT04 A		100
B4-1691B13	Sewerage Rising Mains, D1,F046-Ch1500remaining	7	21OCT04 A	27OCT04 A	21OCT04 A	27OCT04 A		100
B4-1078B15	Preparation Works for 2.5m Trapezoidal Channel	60	02APR04 A	02APR04 A	02APR04 A	02APR04 A		100
B4-1078B25	Fabrication Works and Delivery of 2.5m Trapz.Ch.	55	20APR04 A	27APR04 A	20APR04 A	27APR04 A		100
B4-1078B35	Installation and Construction of 2.5m Trap. Ch.	60	28APR04 A	16AUG04 A	28APR04 A	16AUG04 A		100
B4-1689C5	Trapezoidal Channel, NE of H.Site 1	30	13AUG03 A	01NOV03 A	13AUG03 A	01NOV03 A		100
B4-1689C3	Trapezoidal Channel, at L1, S of H Site 1	14	01NOV03 A	01NOV03 A	01NOV03 A	01NOV03 A		100
B4-1689C4	Trapezoidal Channel, Area 14	14	26DEC03 A	02APR04 A	26DEC03 A	02APR04 A		100
B4-1689D9	Trapezoidal Channel, L5 South	100	08MAR04 A	25MAR04 A	08MAR04 A	25MAR04 A		100
B4-1689D1	Trapezoidal Channel, D1 at area of Mound S5	50	17MAR04 A	30MAR04 A	17MAR04 A	30MAR04 A		100
B4-1689C2	Trapezoidal Channel, NE of School Site	25	02APR04 A	20APR04 A	02APR04 A	20APR04 A		100
B4-1689C6	Trapezoidal Channel, Zone T	60	25MAY04 A	26JUL04 A	25MAY04 A	26JUL04 A		100
B4-1683B67	Sewerage, F58 to existing (remaining)	15	07SEP04 A	02OCT04 A	07SEP04 A	02OCT04 A		100
B4-1683B96	Drainage, D1/Ch.1860-2180 gully works remaining	20	08SEP04 A	19SEP04 A	08SEP04 A	19SEP04 A		100
B4-1689D6	Trapezoidal Channel, D1, L4 to Culvert C10	50	08SEP04 A	30SEP04 A	08SEP04 A	30SEP04 A		100
B4-1683B97	Drainage, D1/Ch.1860~2180 gullyworks to existing	15	21SEP04 A	16OCT04 A	21SEP04 A	16OCT04 A		100
B6-1595D46	Drain Pipe laying	14	07OCT04 A	15SEP04 A	07OCT04 A	15SEP04 A		100
B4-1689D2	Trapezoidal Channel, D1at S0049 to Area 9B bound	30	10NOV04 A	09DEC04	10NOV04 A	07JAN05	29d	75
B4-1689C8	Trapezoidal Channel, at H Site 3	40	19NOV04 A	11DEC04	19NOV04 A	07JAN05	27d	75
Part 6B: Waterworks - Section 16								
B6-1609A0	Waterworks, NE of H.Site 1, Promenade	60	28APR03 A	30JUN03 A	28APR03 A	30JUN03 A		100
B6-1607A0	Trial Pits	14	26JUN03 A	09JUL03 A	26JUN03 A	09JUL03 A		100
Section 16: Utilities								
UT-160000	Utilities - Section 16, Remainder	459 *	20SEP03 A	29DEC04	20SEP03 A	29DEC04	0	94
UT-1600T1A	PCCW, D1/Ch.920-1020	28	08MAR04 A	15MAR04 A	08MAR04 A	15MAR04 A		100
UT-1600T1B	HGC-New World, D1/Ch.920-1020	30	08MAR04 A	17MAR04 A	08MAR04 A	17MAR04 A		100



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REVISED WORKS PROGRAMME I

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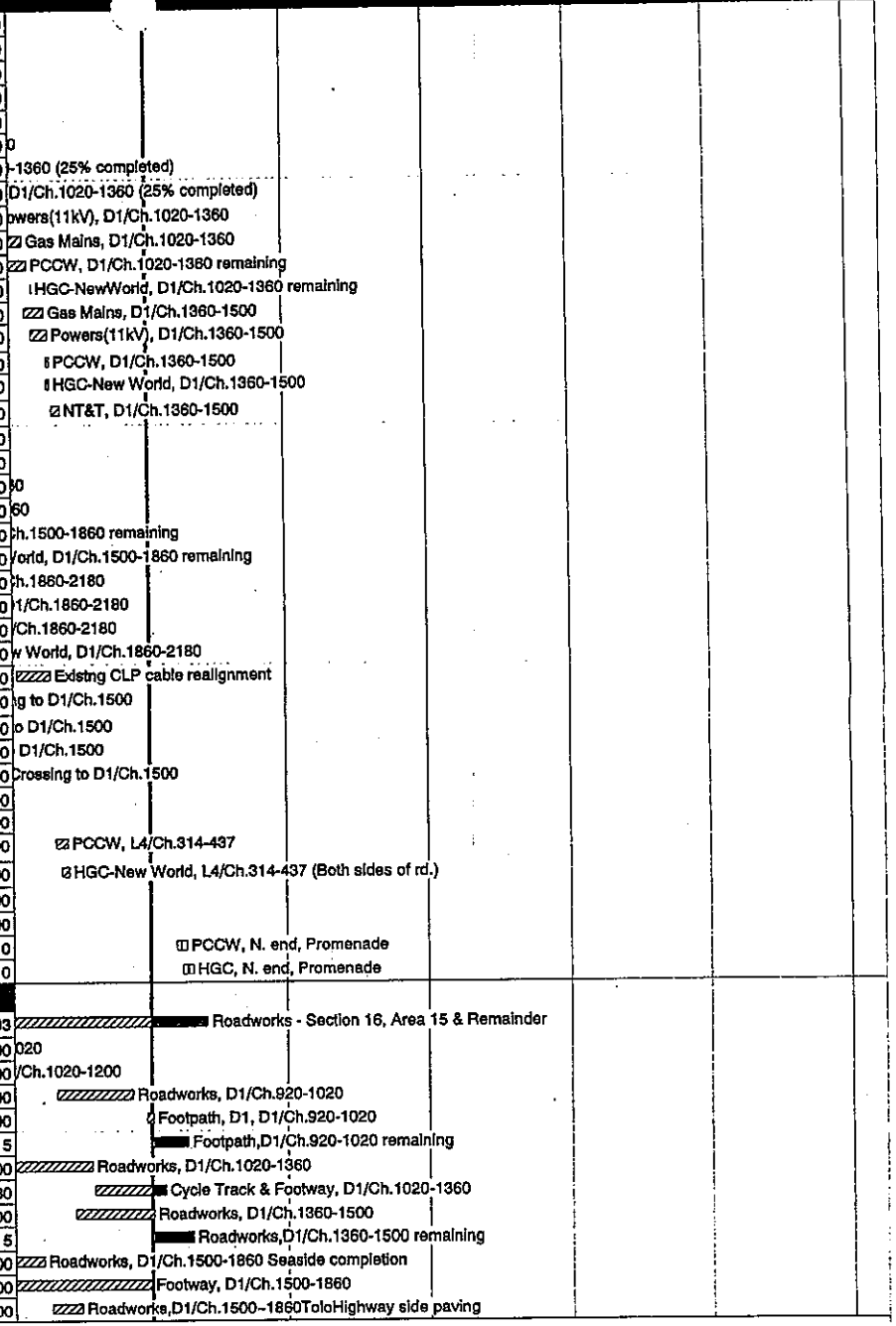
17DEC04	No.12 Revision I	WAJ	WL

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
UT-1600G1	Gas Mains, D1/Ch.920-1020	25	12MAR04 A	25MAR04 A	12MAR04 A	25MAR04 A		100
UT-1600T1F	PCCW,D1/Ch.1020-1200	50	16MAR04 A	18MAR04 A	16MAR04 A	18MAR04 A		100
UT-1600T1G	HGC-New World,D1/Ch.1020-1200	55	19MAR04 A	19MAR04 A	19MAR04 A	19MAR04 A		100
UT-1600P1	Powers(11kV), D1/Ch.920-1020	27	23MAR04 A	30MAR04 A	23MAR04 A	30MAR04 A		100
UT-1600G11	Gas Mains, D1/Ch.1020-1200	45	26MAR04 A	27MAR04 A	26MAR04 A	27MAR04 A		100
UT-1600P11	Powers(11kV), D1/Ch.1020-1200	45	26MAR04 A	05APR04 A	26MAR04 A	05APR04 A		100
UT-1600T2A	PCCW, D1/Ch.1020-1360 (25% completed)	6	26MAY04 A	31MAY04 A	26MAY04 A	31MAY04 A		100
UT-1600T2B	HGC-New World, D1/Ch.1020-1360 (25% completed)	6	05JUN04 A	09JUN04 A	05JUN04 A	09JUN04 A		100
UT-1600P2	Powers(11kV), D1/Ch.1020-1360	36	31JUL04 A	23AUG04 A	31JUL04 A	23AUG04 A		100
UT-1600G2	Gas Mains, D1/Ch.1020-1360	40	11AUG04 A	11SEP04 A	11AUG04 A	11SEP04 A		100
UT-1600T2C	PCCW, D1/Ch.1020-1360 remaining	27	18AUG04 A	14SEP04 A	18AUG04 A	14SEP04 A		100
UT-1600T2D	HGC-NewWorld, D1/Ch.1020-1360 remaining	27	30SEP04 A	17SEP04 A	30SEP04 A	17SEP04 A		100
UT-1600G3	Gas Mains, D1/Ch.1360-1500	25	13SEP04 A	25SEP04 A	13SEP04 A	25SEP04 A		100
UT-1600P3	Powers(11kV), D1/Ch.1360-1500	25	17SEP04 A	27SEP04 A	17SEP04 A	27SEP04 A		100
UT-1600T3A	PCCW, D1/Ch.1360-1500	15	27SEP04 A	28SEP04 A	27SEP04 A	28SEP04 A		100
UT-1600T3B	HGC-New World, D1/Ch.1360-1500	15	27SEP04 A	28SEP04 A	27SEP04 A	28SEP04 A		100
UT-1600T3C	NT&T, D1/Ch.1360-1500	7	30SEP04 A	05OCT04 A	30SEP04 A	05OCT04 A		100
UT-1600T4A	PCCW, D1/Ch.1500-1860	75	17FEB04 A	12MAR04 A	17FEB04 A	12MAR04 A		100
UT-1600T4B	HGC-New World, D1/Ch.1500-1860	85	19FEB04 A	16MAR04 A	19FEB04 A	16MAR04 A		100
UT-1600P4	Powers(11kV), D1/Ch.1500-1860	72	29MAR04 A	08APR04 A	29MAR04 A	08APR04 A		100
UT-1600G4	Gas Mains, D1/Ch.1500-1860	72	16APR04 A	27APR04 A	16APR04 A	27APR04 A		100
UT-1600T4E	PCCW, D1/Ch.1500-1860 remaining	25	14JUN04 A	03JUL04 A	14JUN04 A	03JUL04 A		100
UT-1600T4F	HGC-New World, D1/Ch.1500-1860 remaining	25	16JUN04 A	05JUL04 A	16JUN04 A	05JUL04 A		100
UT-1600G6	Gas Mains, D1/Ch.1860-2180	50	26MAY04 A	15JUN04 A	26MAY04 A	15JUN04 A		100
UT-1600P6	Powers(11kV), D1/Ch.1860-2180	40	28MAY04 A	15JUN04 A	28MAY04 A	15JUN04 A		100
UT-1600T6A	PCCW, D1/Ch.1860-2180	40	05JUL04 A	10JUL04 A	05JUL04 A	10JUL04 A		100
UT-1600T6B	HGC-New World, D1/Ch.1860-2180	45	15JUL04 A	20JUL04 A	15JUL04 A	20JUL04 A		100
UT-1600P16	Existng CLP cable realignment	21	06SEP04 A	27SEP04 A	06SEP04 A	27SEP04 A		100
UT-1600P7	Powers(11kV), Crossing to D1/Ch.1500	12	07MAY04 A	19MAY04 A	07MAY04 A	19MAY04 A		100
UT-1600G8	Gas Mains, Crossing to D1/Ch.1500	12	10MAY04 A	21MAY04 A	10MAY04 A	21MAY04 A		100
UT-1600T7F	PCCW, Crossing to D1/Ch.1500	12	26MAY04 A	02JUN04 A	26MAY04 A	02JUN04 A		100
UT-1600T7G	HGC-New World,Crossing to D1/Ch.1500	12	03JUN04 A	08JUN04 A	03JUN04 A	08JUN04 A		100
UT-1600T7C	CATV, Crossing	7	09JUN04 A	14JUN04 A	09JUN04 A	14JUN04 A		100
UT-1600T7H	NT&T,Crossing	7	15JUN04 A	19JUN04 A	15JUN04 A	19JUN04 A		100
UT-1600T7A	PCCW, L4/Ch.314-437	12	01OCT04 A	08OCT04 A	01OCT04 A	08OCT04 A		100
UT-1600T7B	HGC-New World, L4/Ch.314-437 (Both sides of rd.)	12	05OCT04 A	09OCT04 A	05OCT04 A	09OCT04 A		100
UT-1600P9	Powers(132kV), N. end, Promenade	20	20SEP03 A	16OCT03 A	20SEP03 A	16OCT03 A		100
UT-1600P0	Powers(132kV & 11kV), NE of Site 1, Promenade	60	10DEC03 A	30DEC03 A	10DEC03 A	30DEC03 A		100
UT-1600T9A	PCCW, N. end, Promenade	7	19DEC04	25DEC04	19DEC04	25DEC04	0	0
UT-1600T9B	HGC, N. end, Promenade	7	23DEC04	29DEC04	23DEC04	29DEC04	0	0
Part 5 of Roadworks - Section 16								
B5-160000	Roadworks - Section 16, Area 15 & Remainder	515*	04AUG03 A	07JAN05	04AUG03 A	07JAN05	0	93
B5-1672A1	Cycle Track , D1/Ch.920-1020	28	13APR04 A	30APR04 A	13APR04 A	30APR04 A		100
B5-1672A11	Cycle Track & Footway,D1/Ch.1020-1200	50	19APR04 A	30APR04 A	19APR04 A	30APR04 A		100
B5-1670A1	Roadworks, D1/Ch.920-1020	35	01OCT04 A	19NOV04 A	01OCT04 A	19NOV04 A		100
B5-1672A21	Footpath, D1, D1/Ch.920-1020	12	29NOV04 A	02DEC04 A	29NOV04 A	02DEC04 A		100
B5-1672A31	Footpath,D1/Ch.920-1020 remaining	25	02DEC04 A	25DEC04	02DEC04 A	07JAN05	13d	5
B5-1670A2	Roadworks, D1/Ch.1020-1360	75	22JUL04 A	23OCT04 A	22JUL04 A	23OCT04 A		100
B5-1672A2	Cycle Track & Footway, D1/Ch.1020-1360	45	26OCT04 A	10DEC04	26OCT04 A	07JAN05	28d	80
B5-1670A3	Roadworks, D1/Ch.1360-1500	25	13OCT04 A	02DEC04 A	13OCT04 A	02DEC04 A		100
B5-1670A13	Roadworks,D1/Ch.1360-1500 remaining	28	02DEC04 A	28DEC04	02DEC04 A	01JAN05	4d	5
B5-1670A4	Roadworks, D1/Ch.1500-1860 Seaside completion	70	08JUN04 A	21SEP04 A	08JUN04 A	21SEP04 A		100
B5-1672A4	Footway, D1/Ch.1500-1860	90	15JUL04 A	30NOV04 A	15JUL04 A	30NOV04 A		100
B5-1670A14	Roadworks,D1/Ch.1500-1860ToloHighway side paving	7	27SEP04 A	16OCT04 A	27SEP04 A	16OCT04 A		100



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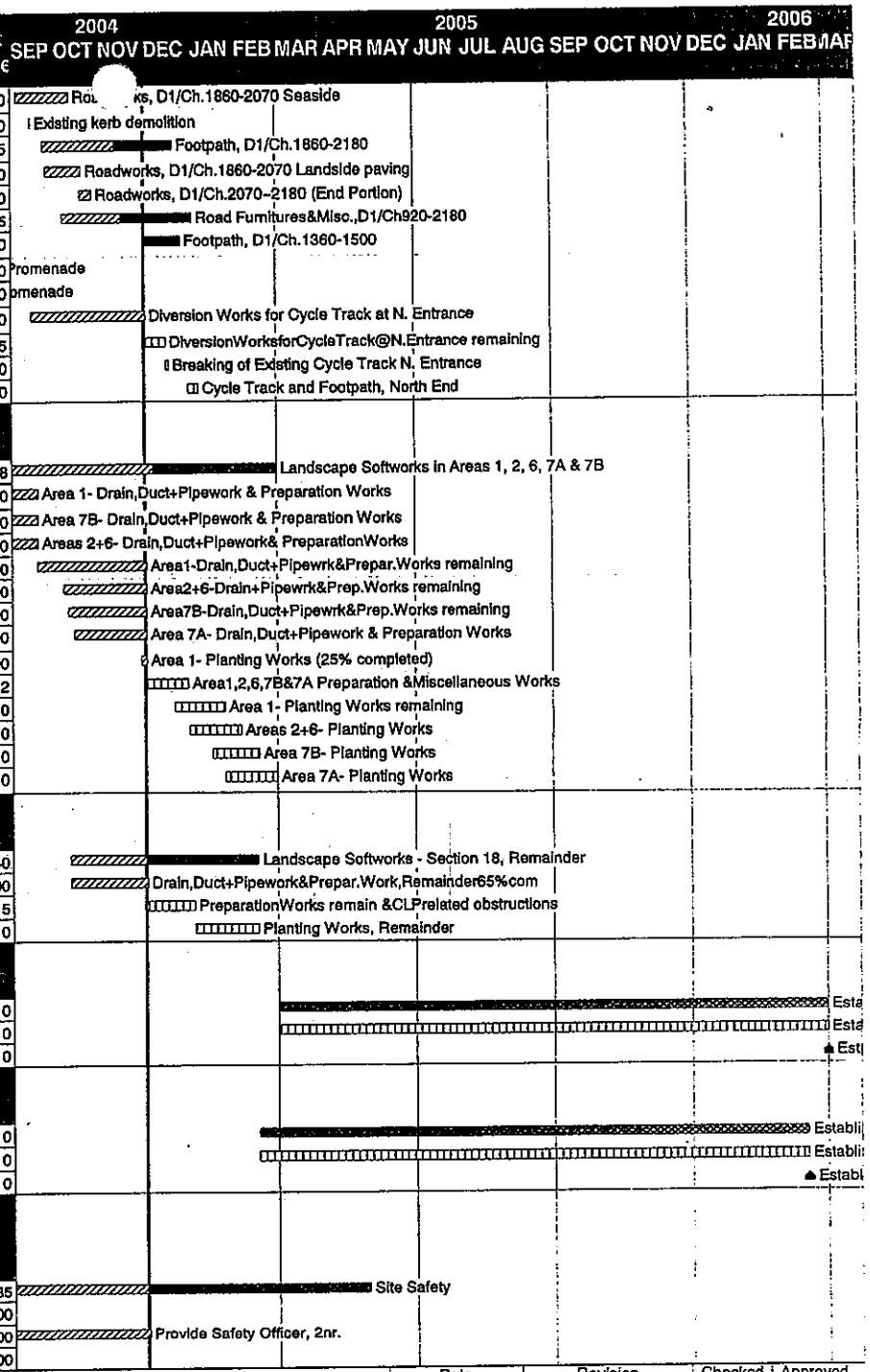
17DEC04	No.12 Revision I	WAJ	WL

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
B5-1670A6	Roadworks, D1/Ch.1860-2070 Seaside	25	07SEP04 A	T04 A	07SEP04 A	12OCT04 A		100
B5-1670A16	Existing kerb demolition	12	16SEP04 A	16SEP04 A	16SEP04 A	16SEP04 A		100
B5-1672A6	Footpath, D1/Ch.1860-2180	45	25SEP04 A	21DEC04	25SEP04 A	07JAN05	17d	55
B5-1670A26	Roadworks, D1/Ch.1860-2070 Landside paving	20	27SEP04 A	20OCT04 A	27SEP04 A	20OCT04 A		100
B5-1670A36	Roadworks, D1/Ch.2070-2180 (End Portion)	15	20OCT04 A	27OCT04 A	20OCT04 A	27OCT04 A		100
B5-1674G0	Road Furnitures&Misc.,D1/Ch920-2180	60	08OCT04 A	03JAN05	08OCT04 A	07JAN05	4d	45
B5-1672A3	Footpath, D1/Ch.1360-1500	25	02DEC04	26DEC04	14DEC04	07JAN05	12d	0
B5-1670A0	Cycle Track, NE of H.Site 1, Promenade	75	04AUG03 A	17APR04 A	04AUG03 A	17APR04 A		100
B5-1672A9	Cycle Track & Footway, N.end, Promenade	30	08MAR04 A	26MAR04 A	08MAR04 A	26MAR04 A		100
B5-1670A46	Diversion Works for Cycle Track at N. Entrance	14	17SEP04 A	02DEC04 A	17SEP04 A	02DEC04 A		100
B5-1670A66	DiversionWorksforCycleTrack@N.Entrance remaining	16	02DEC04 A	16DEC04	02DEC04 A	16DEC04	0	5
B5-1670A76	Breaking of Existing Cycle Track N. Entrance	2	17DEC04	18DEC04	17DEC04	18DEC04	0	0
B5-1670A56	Cycle Track and Footpath, North End	7	01JAN05	07JAN05	01JAN05	07JAN05	0	0
Section 17- Areas 1,2,6,7A+7B Landscape Softwork								
Part 12:Landscape Works - Section 17								
BL-170000	Landscape Softworks in Areas 1, 2, 6, 7A & 7B	378 *	10FEB04 A	28FEB05	10FEB04 A	28FEB05	0	78
BL-1705A1	Area 1- Drain,Duct+Pipework & Preparation Works	40	10FEB04 A	20SEP04 A	10FEB04 A	20SEP04 A		100
BL-1705A4	Area 7B- Drain,Duct+Pipework & Preparation Works	45	11JUN04 A	20SEP04 A	11JUN04 A	20SEP04 A		100
BL-1705A2	Areas 2+6- Drain,Duct+Pipework& PreparationWorks	45	15JUN04 A	20SEP04 A	15JUN04 A	20SEP04 A		100
BL-1705A11	Area1-Drain,Duct+Pipewrk&Prepar.Works remaining	26	20SEP04 A	02DEC04 A	20SEP04 A	02DEC04 A		100
BL-1705A12	Area2+6-Drain+Pipewrk&Prep.Works remaining	26	08OCT04 A	02DEC04 A	08OCT04 A	02DEC04 A		100
BL-1705A14	Area7B-Drain,Duct+Pipewrk&Prep.Works remaining	26	11OCT04 A	02DEC04 A	11OCT04 A	02DEC04 A		100
BL-1705A3	Area 7A- Drain,Duct+Pipework & Preparation Works	35	15OCT04 A	02DEC04 A	15OCT04 A	02DEC04 A		100
BL-1707A1	Area 1- Planting Works (25% completed)	45	29NOV04 A	02DEC04 A	29NOV04 A	02DEC04 A		100
BL-1707A11	Area1,2,6,7B&7A Preparation &Miscellaneous Works	30	02DEC04 A	30DEC04	02DEC04 A	30DEC04	0	2
BL-1707A21	Area 1- Planting Works remaining	34	22DEC04	24JAN05	22DEC04	24JAN05	0	0
BL-1707A2	Areas 2+6- Planting Works	35	01JAN05	04FEB05	01JAN05	04FEB05	0	0
BL-1707A4	Area 7B- Planting Works	25	16JAN05	16FEB05	16JAN05	16FEB05	0	0
BL-1707A3	Area 7A- Planting Works	35	25JAN05	28FEB05	25JAN05	28FEB05	0	0
Section 18- Remainder of Landscaping Works								
Part 12:Landscape Works - Section 18								
BL-180000	Landscape Softworks - Section 18, Remainder	127 *	12OCT04 A	15FEB05	12OCT04 A	15FEB05	0	40
BL-1814A1	Drain,Duct+Pipework&Prepar.Work,Remainder65%com	35	12OCT04 A	02DEC04 A	12OCT04 A	02DEC04 A		100
BL-1814A11	PreparationWorks remain &CLPrelated obstructions	35	02DEC04 A	03JAN05	02DEC04 A	03JAN05	0	5
BL-1814A2	Planting Works, Remainder	43	04JAN05	15FEB05	04JAN05	15FEB05	0	0
Section 19- Areas 1,2,6,7A+7B Establishment Work								
Part 12:Landscape Works - Section 19								
BL-190000	Establishement Work-Section19,Areas 1,2, 6,7A&7B	365 *	01MAR05	28FEB06	01MAR05	28FEB06	0	0
BL-200000	Establishment Works - Areas 1, 2, 6, 7A & 7B	365	01MAR05	28FEB06	01MAR05	28FEB06	0	0
BL-200001	Establishment Works- Areas 1, 2, 6, 7A & 7B Done	0		28FEB06		28FEB06	0	0
Section 20- Remainder of Establishment Works								
Part 12:Landscape Works - Section 20								
BL-300000	Establishment Works - Section 20, Remainder	365 *	16FEB05	15FEB06	16FEB05	15FEB06	0	0
BL-300001	Establishment Works - Remainder	365	16FEB05	15FEB06	16FEB05	15FEB06	0	0
BL-300002	Establishment Works - Remainder	0		15FEB06		15FEB06	0	0
Part 14 Site Safety								
Part 14:Site Safety								
BT-140000	Site Safety	977 *	27AUG02 A	29APR05	27AUG02 A	30APR05	1d	85
BT-1401A0	Complete Draft Safety Plan	2	27AUG02 A	28AUG02 A	27AUG02 A	28AUG02 A		100
BT-1401D0	Provide Safety Officer, 2nr.	810	27AUG02 A	02DEC04 A	27AUG02 A	02DEC04 A		100
BT-1401B0	Complete Safety Plan	2	29AUG02 A	30AUG02 A	29AUG02 A	30AUG02 A		100



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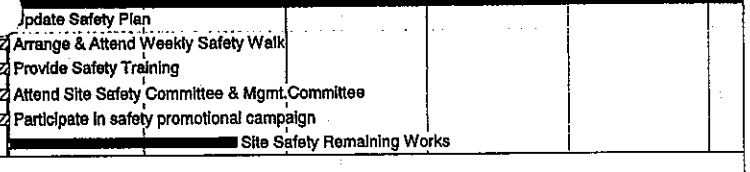
REVISED WORKS PROGRAMME I

Date	Revision	Checked	Approved
01JUN04	No.9 Revision G	WAJ	WL
07JUL04	No.10 RevisionG1	WAJ	WL
04OCT04	No.11 Revision H	WAJ	WL
17DEC04	No.12 Revision I	WAJ	WL

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
BT-1401C0	Update Safety Plan	810	31AUG02 A	02[illegible]04 A	31AUG02 A	02DEC04 A		100
BT-1401G0	Arrange & Attend Weekly Safety Walk	805	03SEP02 A	02DEC04 A	03SEP02 A	02DEC04 A		100
BT-1401H0	Provide Safety Training	810	10SEP02 A	02DEC04 A	10SEP02 A	02DEC04 A		100
BT-1401E0	Attend Site Safety Committee & Mgmt.Committee	810	26OCT02 A	02DEC04 A	26OCT02 A	02DEC04 A		100
BT-1401K0	Participate in safety promotional campaign	694	28NOV02 A	02DEC04 A	28NOV02 A	02DEC04 A		100
BT-1401K10	Site Safety Remaining Works	150	02DEC04 A	29APR05	02DEC04 A	30APR05	1d	1



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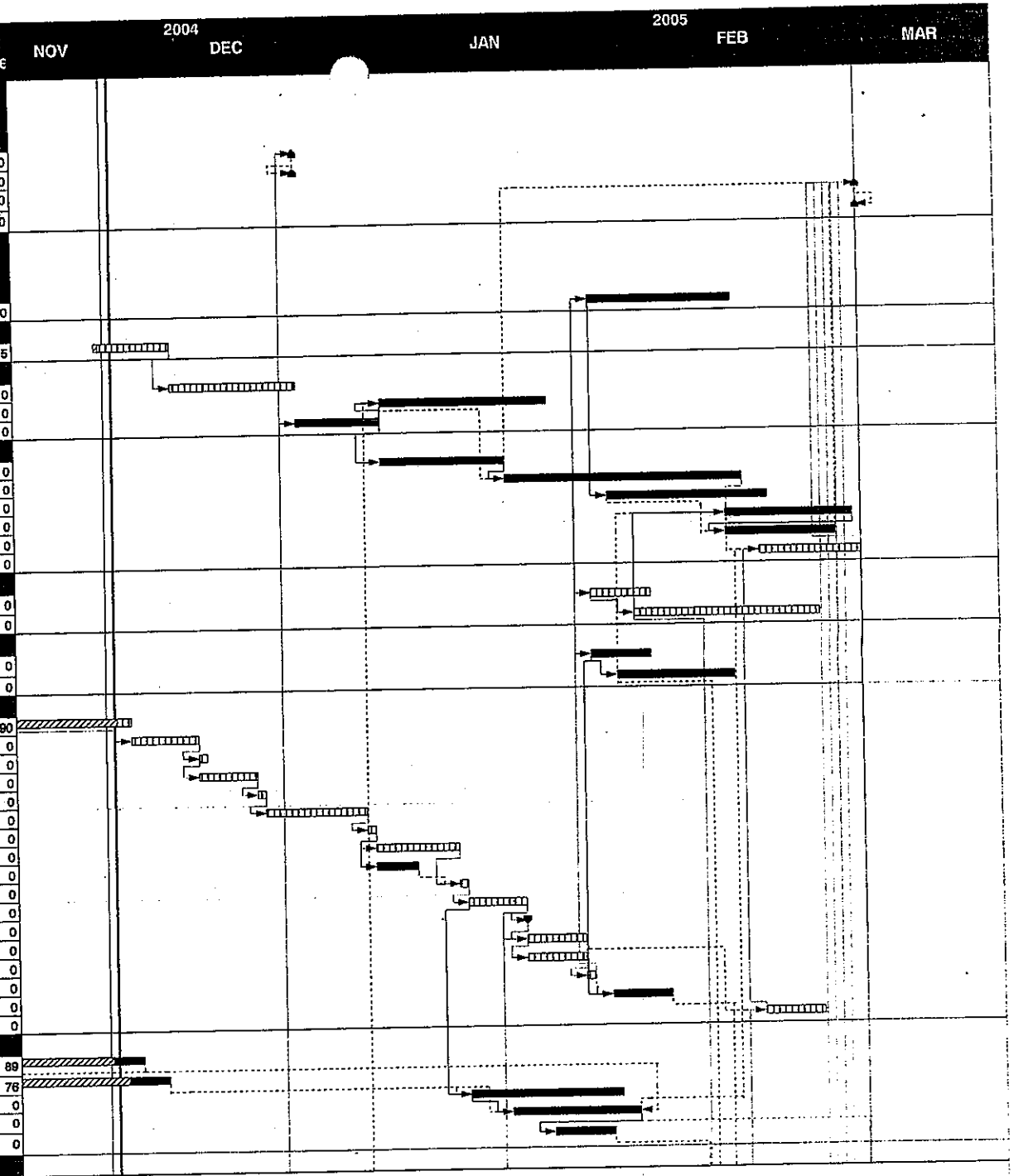
04OCT04	No.11 Revision H	WAJ	WL
17DEC04	No.12 Revision I	WAJ	WL

Act ID	Description	Orig Dur	Early Start	Early Finish	Total Float	Percent Complete
Completion Dates						
KD-2040A	Achievement Date for KD-2040	0		23DEC04	0	0
KD-2040B	Assumed Extension of Time for KD-2040	0		23DEC04 *	0	0
KD-2030A	Achievement Date for KD-2030	0		28FEB05	0	0
KD-2030B	Assumed Ext.of Time for Section 3	0		28FEB05 *	0	0
Section 3-Works in Areas3,4+6,except Sec.4+LS&EW						
Part3.3 Earthworks - Section 3						
B3-0308M2	Deposition & Compaction, D1/Ch.780-920	10	28JAN05	13FEB05	5d	0
Part4.3 Drainage - Sewerage - Section 3						
B4-0317D31	P/c pipe, L2/Ch.100-200 Gully works west bound	7	30NOV04 A	08DEC04	0	5
Section 3 - Utilities						
UT-0300P1	Powers(11kV), L2/Ch.100-200	15	09DEC04	23DEC04	0	0
UT-0300G4	Gas Mains at Area 3	20	03JAN05	22JAN05	7d	0
UT-0300G4C	Gas Main at Area 4 remaining	10	24DEC04	02JAN05	2d	0
Part5.3 Roadworks - Section 3						
B5-0325C33	Footpath at Area 4 remaining	15	03JAN05	17JAN05	2d	0
B5-0325C3	Footpath, Area 3	21	18JAN05	14FEB05	2d	0
B5-0325C2	Roadworks, D1/Ch.780-920	12	30JAN05	17FEB05	5d	0
B5-0326A2	Cycle track & Footpath, D1/Ch.780-920	15	13FEB05	27FEB05	3d	0
B5-0328C0	Roadworks Furnitures & Miscellaneous	13	13FEB05	25FEB05	3d	0
B5-0325C23	Footpath at Area 6 under bridge	12	17FEB05	28FEB05	0	0
Part7.2 Substructure - East Abutment						
B7-032050	Abutment Wall, Rest - East Abutment	7	28JAN05	03FEB05	0	0
B7-032060	Drainage & Backfill - East Abutment	15	02FEB05	23FEB05	0	0
Part7.2 Substructure - West Abutment						
B7-033050	Abutment Wall, Rest - West Abutment	7	28JAN05	03FEB05	5d	0
B7-033060	Drainage & Backfill - West Abutment	7	31JAN05	13FEB05	5d	0
Part7.4 Superstructure						
B7-034050	Rebar installation for bridgesoffit & webwalls	20	17NOV04 A	03DEC04	0	90
B7-034060	Installation of tendon ducts & grout vents	8	04DEC04	11DEC04	0	0
B7-034070	Inspection and approval of tendon profile	1	12DEC04	12DEC04	0	0
B7-034180	Formworking installation at webs	7	12DEC04	18DEC04	0	0
B7-034090	Concreting ofsoffit,sidewalls&internalwebkickers	1	19DEC04	19DEC04	0	0
B7-034100	Rebar and formworking of top slab	12	20DEC04	31DEC04	0	0
B7-034110	Concreting of internal web wall to topslabsoffit	1	01JAN05	01JAN05	0	0
B7-034080	Strands threading to tendon ducts	10	02JAN05	11JAN05	0	0
B7-034120	Misc. rebar fixing and formworking for top slab	5	02JAN05	08JAN05	5d	0
B7-034130	Concreting of top slab	1	12JAN05	12JAN05	0	0
B7-034140	Curing	7	13JAN05	19JAN05	0	0
B7-034020	Start Prestressing	0	20JAN05		0	0
B7-034150	Post-tensioning of Bridge Deck	7	20JAN05	26JAN05	0	0
B7-034160	Grouting	7	20JAN05	26JAN05	0	0
B7-034170	Anchorage backfilling	1	27JAN05	27JAN05	0	0
B7-034030	Movement Joint	7	30JAN05	05FEB05	6d	0
B7-034190	Falsework dismantling	7	17FEB05	23FEB05	0	0
Part7.5 Retaining Walls						
B7-035030	Retaining Wall No. 2	25	02NOV04 A	04DEC04	39d	89
B7-035020	Retaining Wall No. 1	25	18NOV04 A	07DEC04	44d	76
B7-035040	Retaining Wall No. 3	18	13JAN05	30JAN05	8d	0
B7-035050	Drainage & Backfill	15	18JAN05	01FEB05	8d	0
B7-035060	Movement Joint	7	23JAN05	29JAN05	9d	0
Part7.6 Finishing Works						



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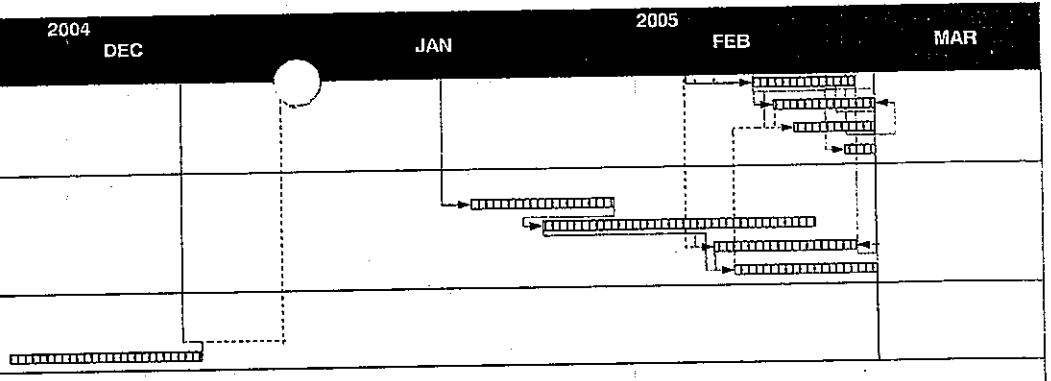
REMAINING WORKS @ SECTION 3 & 4

Act ID	Description	Orig Dur	Early Start	Early Finish	Total Float	Percent Complete
B7-036030	Road & Drainage Works	10	17FEB05	28FEB05	0	0
B7-036050	Footway, Cycle Track, Paving	10	19FEB05	28FEB05	0	0
B7-036060	Roadwork Furnitures & Miscellaneous	8	21FEB05	28FEB05	0	0
B7-036040	Wearing Course	3	26FEB05	28FEB05	0	0
Part B7-2 Modification of Pak Shek Kok Bridge						
B7-037020	Demolition for Connection & Excavation	14	20JAN05	02FEB05	0	0
B7-037030	Modification Works	20	27JAN05	22FEB05	0	0
B7-037040	Drainage Works & Movement Joints	14	13FEB05	28FEB05	0	0
B7-037050	E&M Works & Finishing	14	15FEB05	28FEB05	0	0
Section 4- Waterworks in Areas 3, 4, & 6						
Part B6-Waterworks Section						
B6-0424C23	Washoutpit & remaining works	19	05DEC04	23DEC04	0	0



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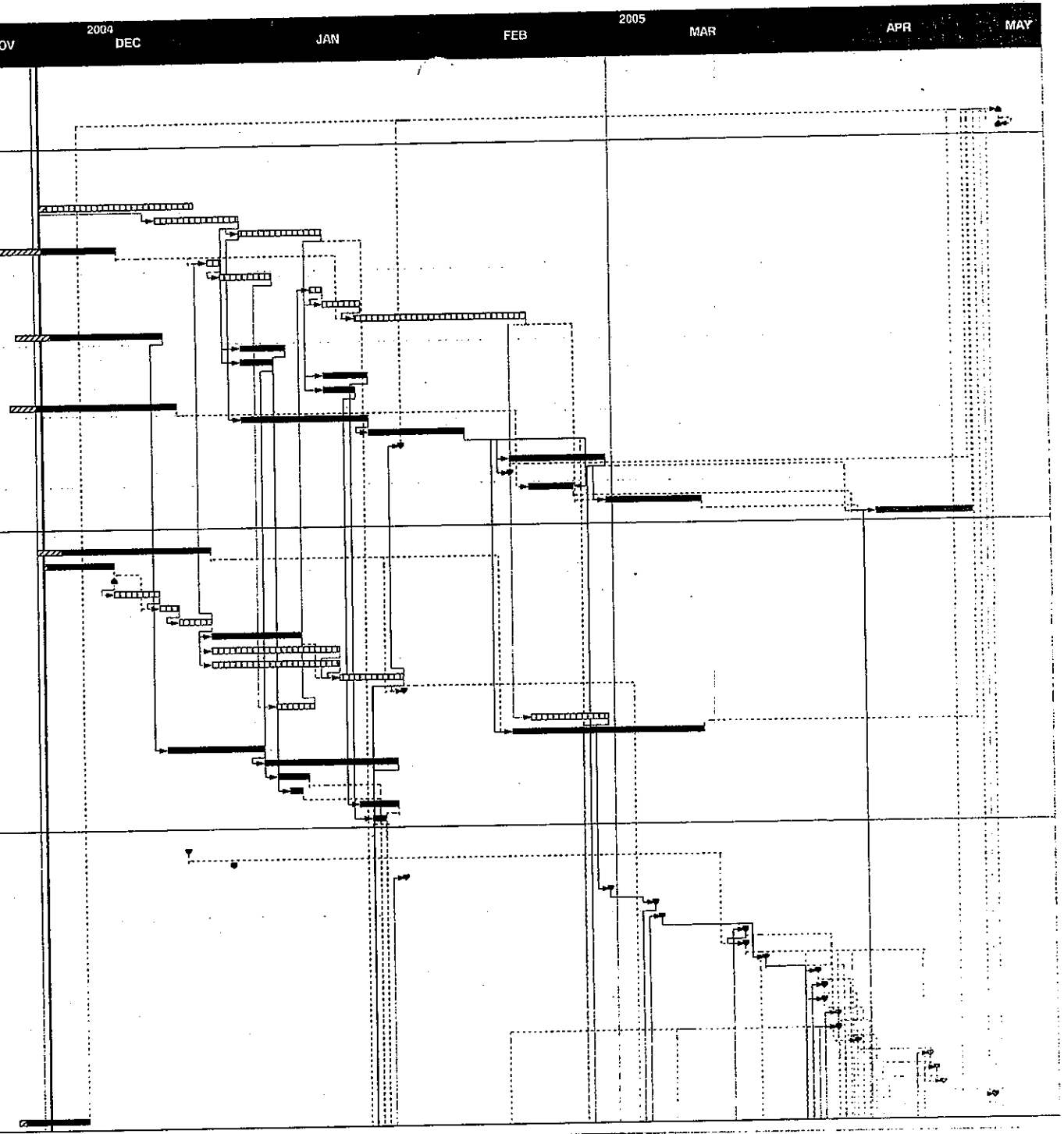
REMAINING WORKS @ SECTION 3 & 4

Act ID	Description	Orig Dur	Early Start	Early Finish	Total Float	Percent Complete
Completion Dates						
KD-2120A	Achievement Date for KD-2120	0		30APR05	0	0
KD-2120B	Assumed Extension of Time for KD-2120	0		30APR05 *	0	0
Section 12- Works of Sewage Pumping Station No.1						
Part 12-1 Pumping Station Building Works						
BS-120760	Preliminary Testing and Leakage Repair Works	25	02DEC04 A	25DEC04	0	5
BS-120720	WatertightnessTest for Group A	13	20DEC04	01JAN05	0	0
BS-120660	Watertightness Test for Group B	13	02JAN05	14JAN05	0	0
BS-120710	Strut Removal & Backfilling around Dry Well	42	02NOV04 A	13DEC04	14d	72
BS-121010	Scaffolding Erection for new Wall @ GL4~5/E	2	29DEC04	29DEC04	0	0
BS-121020	New Wall Construction @GL4~5/E	8	30DEC04	06JAN05	0	0
BS-121030	Scaffolding removal @ Switch room Area	2	13JAN05	14JAN05	0	0
BS-121040	Sheetpile Extraction @ Switch Room Area	6	15JAN05	20JAN05	0	0
BS-120620	Inspection Gallery & Switchroom construction	20	20JAN05	15FEB05	0	0
BS-120770	Staircase & Platform Construction @ Dry Well	25	28NOV04 A	20DEC04	24d	24
BS-120650	Buffer wall & Platform Construction @ Wet Well A	7	02JAN05	08JAN05	39d	0
BS-120780	Construct internal wall @ Screen Room A	5	02JAN05	06JAN05	64d	0
BS-120680	Buffer Wall & PLatform Construction @ Wet Well B	7	15JAN05	21JAN05	28d	0
BS-120790	Construct internal Wall @ Screen Room B	5	15JAN05	19JAN05	50d	0
BS-120890	Inlet Chamber Construction	25	27NOV04 A	22DEC04	100d	16
BS-120700	Backfilling works after Watertightness Test	20	02JAN05	21JAN05	5d	0
BS-120730	Sheetpile Extraction	15	22JAN05	05FEB05	5d	0
BS-120740	Expected DSD Inspection Building Works	0	27JAN05		87d	0
BS-120810	Backfilling Works around PSt to Ground Level	15	13FEB05	27FEB05	5d	0
BS-120910	RemainingDrainageWorks around PSt(refer to Sec5)	0	13FEB05		77d	0
BS-121050	Inlet Chamber connection to PSt	7	16FEB05	22FEB05	52d	0
BS-120900	Rising main Chamber Construction	15	28FEB05	14MAR05	32d	0
BS-120750	Construct Boundary Wall	15	11APR05	25APR05	5d	0
Part 12-2 Finishing Works						
BS-120830	Roof Finishing	30	01DEC04 A	27DEC04	30d	14
BS-120920	Ceiling Finishing & Painting	11	02DEC04 A	12DEC04	7d	5
BS-121000	CompletionofPrepWorksonWindows/Louversrevisions	0		12DEC04 *	0	0
BS-120930	Wall Finishing	7	13DEC04	19DEC04	0	0
BS-120940	Wall Painting	3	20DEC04	22DEC04	0	0
BS-120950	Platform Removal @ Loading Bay	5	23DEC04	27DEC04	0	0
BS-120960	Boosterrm./Toilet(Brickwall+Plastemg+Tile+Paint)	14	28DEC04	10JAN05	6d	0
BS-120970	Newly added Wall w/cabinet	20	28DEC04	16JAN05	0	0
BS-120980	Brickwall at G.L.2 (7 days curing)	20	28DEC04	16JAN05	0	0
BS-120990	Finishing on these Walls	10	17JAN05	26JAN05	0	0
BS-121060	Handover to E&M Works @ Loading Area	0	27JAN05		0	0
BS-120600	Finishing of New Wall @ GL.4~5/E	6	07JAN05	12JAN05	0	0
BS-120630	Finishing Works for Insp.gallery & Switchroom	12	16FEB05	27FEB05	0	0
BS-120640	External Finishing Works	30	13FEB05	14MAR05	47d	0
BS-120820	Pipe Trench Construction @ Dry Well	15	21DEC04	04JAN05	24d	0
BS-120840	Bamboo platform & Finishing works @ Dry Well	21	05JAN05	25JAN05	24d	0
BS-120850	Masconcrete/Platform construction @Screen RoomA	5	07JAN05	11JAN05	64d	0
BS-120870	Benching stair @ Wet Well A & finishing	2	09JAN05	10JAN05	39d	0
BS-120860	Masconcrete/Platform construction @Screen RoomB	5	20JAN05	25JAN05	49d	0
BS-120880	Benching stair @ Wet well B & finishing	2	22JAN05	23JAN05	28d	0
Part 12-3 Electrical & Mechanical Installation						
BS-125090	Expected availability of power supply	0	24DEC04		94d	0
BS-125080	Expected availability of fresh&salt water supply	0	31DEC04		0	0
BS-125160	VAC submission	0	27JAN05		0	0
BS-127220	CLP's Inspection for Meter Kiosk	0	28FEB05		14d	0
BS-127230	CLP's Final Inspection of Meter Kiosk	0	07MAR05		14d	0
BS-125100	Water Certification WW046 Part IV	0	08MAR05		22d	0
BS-124010	Electrical WR1 Submission	0	21MAR05		11d	0
BS-127020	CLP Energization	0	21MAR05		11d	0
BS-125030	Expected WSD Inspection	0	24MAR05		22d	0
BS-125040	Expected DSD Inspection for Sewage Pump & VSD	0	01APR05		23d	0
BS-125130	Expected DSD Inspection for Penstock	0	02APR05		22d	0
BS-125180	WSD's Final inspection	0	02APR05		29d	0
BS-125110	Expected DSD Inspection for Mech. Screen Syst.	0	04APR05		21d	0
BS-125150	Expected DSD Inspection for Other Works	0	04APR05		21d	0
BS-125060	FS 501 Submission	0	07APR05		0	0
BS-125120	Expected DSD Inspection for Valves & Pipeworks	0	18APR05		9d	0
BS-125140	Expected DSD Inspection for Deodourizer System	0	19APR05		9d	0
BS-125070	Expected FSD Inspection	0	20APR05		0	0
BS-125170	FSD Final Inspection	0	28APR05		0	0
BS-126010	Survey of Civil As-built	7	27NOV04 A	07DEC04	137d	10



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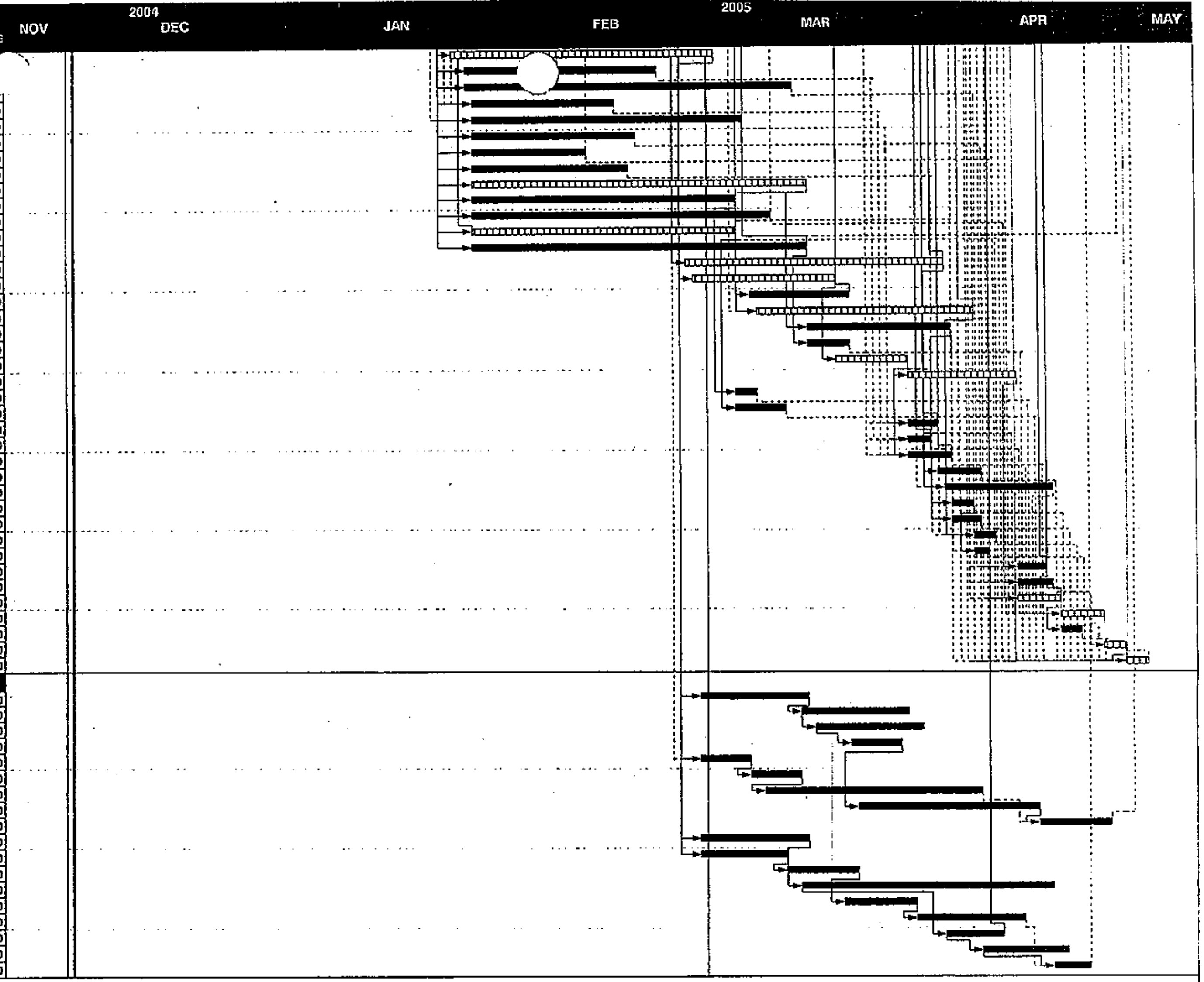
REMAINING WORKS @ SECTION 12

Act ID	Description	Orig Dur	Early Start	Early Finish	Total Float	Percent Complete
BS-126030	Cable Tray Installation	30	24JAN05	01MAR05	0	
BS-124040	Sewage Pumpset and VSD	20	26JAN05	21FEB05	53d	
BS-124070	Valves and Pipeworks	40	26JAN05	12MAR05	27d	0
BS-124050	Mechanical Screen System	20	27JAN05	15FEB05	56d	0
BS-124060	Penstock	33	27JAN05	05MAR05	31d	0
BS-124080	Deodourizer System	20	27JAN05	18FEB05	44d	0
BS-124090	Lifting Appliance	14	27JAN05	11FEB05	59d	0
BS-124110	PCCW cable laying & wiring works	15	27JAN05	17FEB05	66d	0
BS-126020	Conduit & Trunking	40	27JAN05	14MAR05	0	0
BS-126040	Lighting & Earthing Installation	30	27JAN05	04MAR05	51d	0
BS-126060	SCADA & PLC Works	35	27JAN05	09MAR05	40d	0
BS-126070	MVAC	30	27JAN05	04MAR05	0	0
BS-126080	P & D Installation	40	27JAN05	14MAR05	27d	0
BS-124100	LV Switchboard and Control Panels	30	26FEB05	02APR05	0	0
BS-126050	Cabling works	20	27FEB05	18MAR05	0	0
BS-127240	CLP's Install,WorkforMeterKioskand Energization	14	07MAR05	20MAR05	14d	0
BS-126090	F.S. Services Installation	30	08MAR05	06APR05	0	0
BS-126120	Lighting and Electrical Services	20	15MAR05	03APR05	20d	0
BS-127210	Cleansing Waterpump Hydraulic & Functional Test	6	15MAR05	20MAR05	38d	0
BS-126100	Cable Terminations to Major Equipments	10	19MAR05	28MAR05	0	0
BS-126110	Cable Terminations to Other Equipments	15	29MAR05	12APR05	0	0
BS-127050	Lightning & Earthing functional testing	3	05MAR05	07MAR05	51d	0
BS-127140	Ventilation Fan Functional Testing	7	05MAR05	11MAR05	47d	0
BS-127080	Penstock Functional Testing	4	29MAR05	01APR05	17d	0
BS-127120	Sewage Pumpset & VSD testing	3	29MAR05	31MAR05	18d	0
BS-127130	Mechanical Screen System functional testing	6	29MAR05	03APR05	15d	0
BS-127150	Penstock Leakage Rate Test	6	02APR05	07APR05	20d	0
BS-127110	LV Switchboard and Panels Testing	15	03APR05	17APR05	1d	0
BS-127180	MCB board functional Test	3	04APR05	06APR05	21d	0
BS-127200	Lighting functional & Intensity Test	4	04APR05	07APR05	20d	0
BS-127040	FS functional testing	3	07APR05	09APR05	18d	0
BS-127190	RCD/ELCD functional Test	2	07APR05	08APR05	21d	0
BS-127070	Valves & Pipeworks Testing	4	13APR05	16APR05	2d	0
BS-127090	Lifting Appliance testing	5	13APR05	17APR05	10d	0
BS-127100	Deodourizer System functional Testing	6	13APR05	18APR05	0	0
BS-127030	SCADA and PLC Works Functional Testing	6	18APR05	24APR05	0	0
BS-127160	Deodourizing Unit Air Duct Tightness Test	3	19APR05	21APR05	6d	0
BS-127170	SCADA & PLC Mapping Test	3	25APR05	27APR05	0	0
BS-127010	Commissioning Test	3	28APR05	30APR05	0	0
Other Works Related to PS						
UT-0300G1	Gas Mains, L2/Ch.100-200	15	28FEB05	14MAR05	5d	0
UT-0300T1A	PCCW, L2/Ch.100-200	15	14MAR05	28MAR05	5d	0
UT-0300T1B	HGC-New World, L2/Ch.100-200	15	16MAR05	30MAR05	5d	0
UT-0300T1C	CATV, L2/Ch.100-200	7	21MAR05	27MAR05	5d	0
B4-0317D41	P/c pipe,L2/Ch.100-200 Gully works east bound	7	28FEB05	06MAR05	13d	0
B3-0308M1	Deposition & Compaction, L2/Ch.100-200	7	07MAR05	13MAR05	13d	0
B5-0325C1	Roadworks, L2/Ch.100-200	30	09MAR05	07APR05	13d	0
B5-0326A1	Cycle track & Footpath, L2/Ch.100-200	25	22MAR05	15APR05	5d	0
B5-0328C10	Roadworks Furnitures & Miscellaneous @ Rd L2	10	16APR05	25APR05	5d	0
B4-0528F12	P/c pipe, At PS1 remaining (S303~S017)	15	28FEB05	14MAR05	5d	0
UT-0500P3	Powers(11KV) at PS1 Sec. 5 part	12	28FEB05	11MAR05	12d	0
UT-0500T3A	PCCW at PS1 Sec. 5 part	10	12MAR05	21MAR05	12d	0
B4-0535A1	SewerRising Main, At PS1 Sec. 5 part	35	14MAR05	17APR05	5d	0
UT-0500T3B	HGC-New World at PS1 Sec. 5 part	10	20MAR05	29MAR05	12d	0
B5-0541B3	Footpath, At PS1 Sec. 5 part	15	30MAR05	13APR05	12d	0
B3-0512A30	Deposit/ Compact, At PS1 Sec. 5 part	8	03APR05	10APR05	5d	0
B5-0540F3	Roadworks, At PS1 Sec. 5 part	12	08APR05	19APR05	8d	0
B5-0543E10	Furnitures & Miscellaneous at PS1 Sec. 5 part	5	18APR05	22APR05	8d	0



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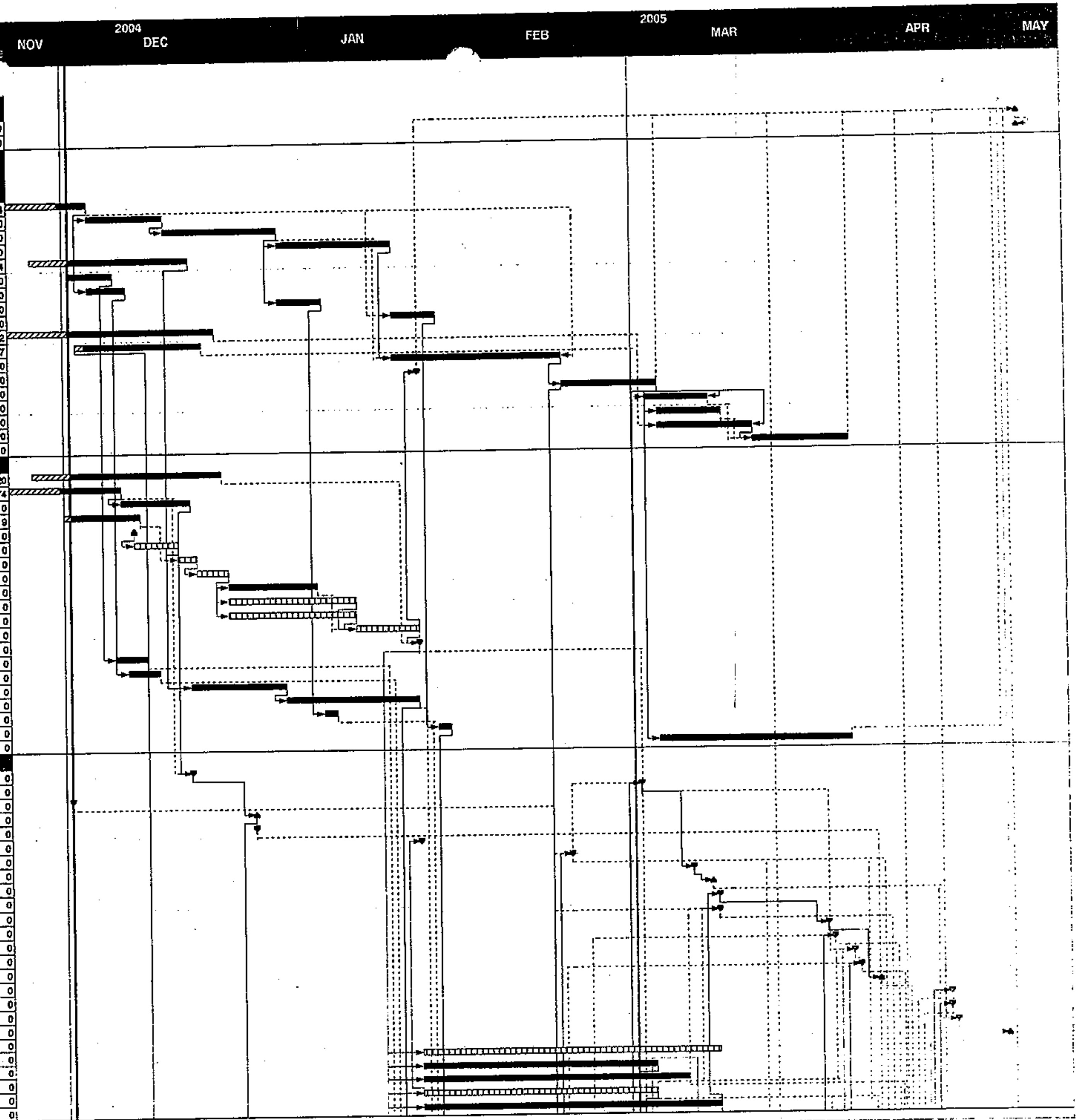
Contract No. TP35/02
Remaining Engineering Infrastructure Works
for Pak Shek Kok Development Package 1
REMAINING WORKS @ SECTION 12

Act ID	Description	Orig Dur	Early Start	Early Finish	Total Float	Percent Complete
Completion Dates						
KD-2130A	Achievement Date for KD-2130	0		30APR05	0	0
KD-2130B	Assumed Extension of Time for KD-2130	0		30APR05 *	0	0
Section 13- Works of Sewage Pumping Station No.2						
Part 1/2 Pumping Station 2 [illegible]						
BS-130680	Water Tightness Test of Group B Screen Room	18	06NOV04 A	04DEC04	17d	84
BS-131020	Preparation works for Wet Well Watertightness	12	05DEC04	16DEC04	17d	0
BS-131000	Watertightness Test of Group A Wet Well	18	17DEC04	03JAN05	17d	0
BS-131010	Watertightness Test of Group B Wet Well	18	04JAN05	21JAN05	17d	0
BS-130760	Staircase Construction & PLatform @ Dry Well	25	26NOV04 A	20DEC04	22d	24
BS-130770	Construct Internal Wall @ Screen Room A	7	02DEC04	08DEC04	96d	0
BS-130780	Construct Internal Wall @ Screen Room B	6	05DEC04	10DEC04	94d	0
BS-130740	Buffer Wall & Platform Construction @ Wet Well A	7	04JAN05	10JAN05	35d	0
BS-130750	Buffer Wall & Platform Construction @ Wet Well B	7	22JAN05	28JAN05	17d	0
BS-130810	Rising Main Chamber Construction	39	15NOV04 A	24DEC04	90d	42
BS-130790	Inlet Chamber Construction	22	03DEC04 A	22DEC04	94d	7
BS-130700	Backfilling Works to platform level	20	22JAN05	17FEB05	19d	0
BS-130690	DSD Inspection for Building Works	0	28JAN05		81d	0
BS-130710	Sheetpile Extraction	15	18FEB05	04MAR05	19d	0
BS-130800	Inlet Chamber connection to PS2	10	03MAR05	12MAR05	34d	0
BS-130730	General Backfilling around PS2	10	05MAR05	14MAR05	32d	0
BS-131030	Rising Main Chamber connection to PS2	15	05MAR05	19MAR05	27d	0
BS-131040	Construct Boundary Wall	15	20MAR05	03APR05	27d	0
Part 2/ Finishing Works						
BS-130830	Roof Finishing	30	26NOV04 A	25DEC04	31d	20
BS-130620	Finishing Works @ Transformer room	30	03NOV04 A	09DEC04	45d	74
BS-130720	E&M works @ Transformer Room	11	10DEC04	20DEC04	45d	0
BS-130900	Ceiling Finishing & Painting	12	01DEC04 A	12DEC04	6d	9
BS-130990	CompletionofPrep.onWindows/Louversrevisions	0		11DEC04 *	0	0
BS-130910	Wall Finishing	7	12DEC04	18DEC04	0	0
BS-130920	Wall painting	3	19DEC04	21DEC04	0	0
BS-130930	PLatform Removal @ Loading Bay	5	22DEC04	26DEC04	0	0
BS-130940	Boosterm./Toilet(Bickwall+Plastering+Tile+Paint)	14	27DEC04	09JAN05	6d	0
BS-130950	Newly added Wall w/cabinet	20	27DEC04	15JAN05	0	0
BS-130960	Brickwall @ G.L. 2(7days curing)	20	27DEC04	15JAN05	0	0
BS-130970	Finishing Works on these walls	10	16JAN05	25JAN05	0	0
BS-130980	Handover to E&M @ Loading Bay Area	0	26JAN05		0	0
BS-130840	MassConcrete/Platform construction @Screen RoomA	5	09DEC04	13DEC04	96d	0
BS-130850	MassConcrete/Platform construction @ScreenRoomB	5	11DEC04	15DEC04	94d	0
BS-130880	Pipe Trench Construction @ Dry Well	15	21DEC04	04JAN05	22d	0
BS-130890	Bamboo platform & Finishing @ Dry Well	21	05JAN05	25JAN05	22d	0
BS-130860	Benching Stair@Wet Well A & Finishing	2	11JAN05	12JAN05	35d	0
BS-130870	Benching Stair@Wet Well B & Finishing	2	29JAN05	30JAN05	17d	0
BS-130820	External Finishing Works	30	05MAR05	03APR05	27d	0
Part 4/ Electrical & Mechanical Equipment						
BS-134110	CLP Inspection of Transformer Room	0	21DEC04		38d	0
BS-134010	Electrical WR1 Submission	0	02MAR05		27d	0
BS-135100	Expected availability of power supply	0	02DEC04		116d	0
BS-134130	CLP's Final Inspection of Transformer Room	0		30DEC04	36d	0
BS-135090	Expected availability of Fresh&Salt water supply	0	31DEC04		111d	0
BS-135170	VAC submission	0	26JAN05		0	0
BS-135020	CLP Energization	0	19FEB05		36d	0
BS-135190	CLP's Inspection for Metering & Power On	0	10MAR05		31d	0
BS-135200	CLP's Final Inspection for Metering & Power On	0		12MAR05	31d	0
BS-135120	WW046 Part IV Submission	0	14MAR05		17d	0
BS-135160	Expected DSD Inspection for Other Works	0	14MAR05		38d	0
BS-135030	Expected WSD Inspection	0	31MAR05		17d	0
BS-135040	Expected DSD Inspection for Sewage Pumpset & VSD	0	01APR05		23d	0
BS-135060	FS 501 Submission	0	04APR05		0	0
BS-135130	Expected DSD Inspection for Mech Screen System	0	05APR05		20d	0
BS-135180	WSD's Final Inspection	0		07APR05	17d	0
BS-135140	Expected DSD Inspection for Valves & Pipeworks	0	19APR05		8d	0
BS-135150	Expected DSD Inspection for Deodourizer System	0	18APR05		8d	0
BS-135070	Expected FSD Inspection	0	20APR05		0	0
BS-135210	FSD's Final Inspection	0		27APR05	0	0
BS-136040	Conduit & Trunking	40	26JAN05	13MAR05	0	0
BS-136060	Lightning & Earthing Installation	30	26JAN05	03MAR05	52d	0
BS-136080	SCADA and PLC Works	35	26JAN05	08MAR05	41d	0
BS-136090	MVAC	30	26JAN05	03MAR05	0	0
BS-136100	P & D Installation	40	26JAN05	13MAR05	21d	0



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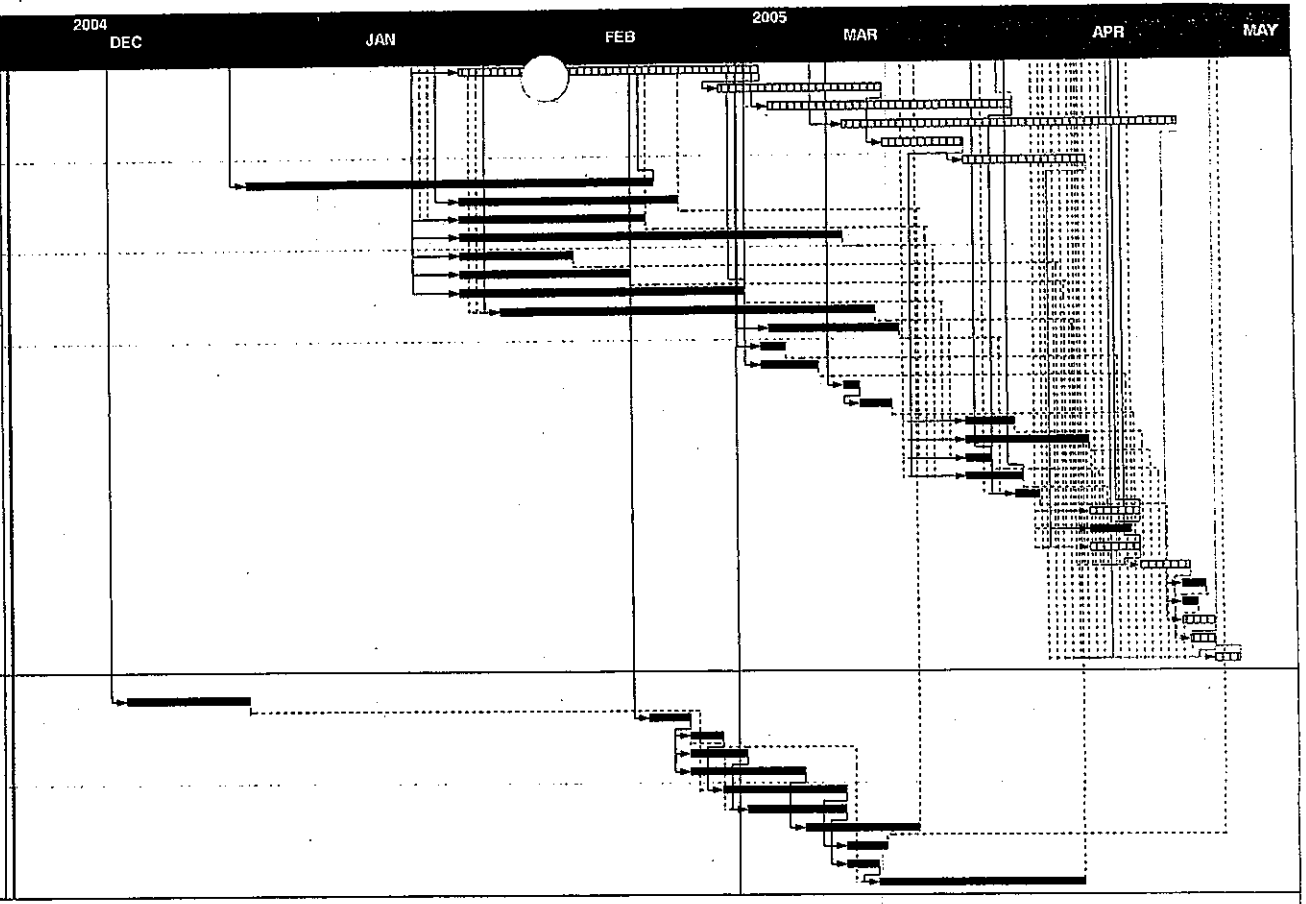
Contract No. TP35/02
Remaining Engineering Infrastructure Works
for Pak Shek Kok Development Package 1
REMAINING WORKS @ SECTION 13

Act ID	Description	Orig Dur	Early Start	Early Finish	Total Float	Percent Complete
BS-136120	Cable Tray Installation	30	26JAN05	03MAR05	0	
BS-136070	Cabling Works	20	27FEB05	18MAR05	0	0
BS-136110	F.S. Services Installation	30	05MAR05	03APR05	0	0
BS-136050	Lighting & Electrical Services	41	14MAR05	23APR05	0	0
BS-136130	Cable terminations to Major Equipment	10	19MAR05	28MAR05	0	0
BS-136140	Cable terminations to other equipment	15	29MAR05	12APR05	0	0
BS-136010	CLP Installation	42	31DEC04	18FEB05	36d	0
BS-134040	Sewage Pumpset & VSD	20	26JAN05	21FEB05	53d	0
BS-134050	Mechanical Screen System	16	26JAN05	17FEB05	53d	0
BS-134060	Penstock	40	26JAN05	13MAR05	29d	0
BS-134080	Deodourizer System	12	26JAN05	08FEB05	53d	0
BS-134090	Lifting Appliance	14	26JAN05	15FEB05	66d	0
BS-134100	LV Switchboard and Control Panels	30	26JAN05	01MAR05	27d	0
BS-134070	Valves & Pipeworks	40	31JAN05	17MAR05	21d	0
BS-134120	PCCW cable laying & wiring works	16	05MAR05	20MAR05	35d	0
BS-137040	Lightning & Earthing functional testing	3	04MAR05	08MAR05	52d	0
BS-137130	Fan Functional Test	7	04MAR05	10MAR05	48d	0
BS-137180	Cleansing Water Pump Hydraulic Test	2	14MAR05	15MAR05	39d	0
BS-137190	Cleansing Water Pump Functional Test	4	16MAR05	19MAR05	39d	0
BS-137070	Penstock functional testing	6	29MAR05	03APR05	15d	0
BS-137100	LV Switchboard & Control pa functional testing	15	29MAR05	12APR05	6d	0
BS-137110	Sewage pumpset and VSD functional testing	3	29MAR05	31MAR05	18d	0
BS-137120	Mech. Screen System functional testing	7	29MAR05	04APR05	14d	0
BS-137030	F.S. Services functional testing	3	04APR05	06APR05	21d	0
BS-137060	Valves & Pipeworks testing	6	13APR05	18APR05	0	0
BS-137080	Lifting Appliance functional testing	5	13APR05	17APR05	13d	0
BS-137090	Deodorizer System functional testing	6	13APR05	18APR05	0	0
BS-137020	SCADA & PLC Works functional Testing	6	19APR05	24APR05	0	0
BS-137150	MCB board functional test	3	24APR05	26APR05	1d	0
BS-137160	RCD/ELCB Functional Test	2	24APR05	25APR05	2d	0
BS-137170	Lighting Functional & Intensity Test	4	24APR05	27APR05	0	0
BS-137140	SCADA & PLC Mapping Test	3	25APR05	27APR05	0	0
BS-137000	Commissioning Test	3	28APR05	30APR05	0	0
Other Works Related to PS2						
B4-1685B18	Sewerage, L4,F402 to Inlet Chamber	15	16DEC04	30DEC04	94d	0
B3-1622N17	Backfilling Works @ Rd. L4	5	18FEB05	22FEB05	19d	0
B3-1622N27	Deposition/Compact,L4/Ch.397-437 remaining	4	23FEB05	26FEB05	26d	0
B4-1689D14	Remaining Gully Works @ Rd. L4	7	23FEB05	01MAR05	19d	0
B4-1689D3	Trapezoidal Channel, Df/ L4 N	14	23FEB05	08MAR05	39d	0
B5-1670A7	Roadworks, L4/Ch.314-437	15	27FEB05	13MAR05	43d	0
B5-1595D96	Waterworks @ L4 remaining	12	02MAR05	13MAR05	19d	0
B4-1689D4	Trapezoidal Channel, Df/ L4 S	14	09MAR05	22MAR05	39d	0
B5-1674G10	Road FurnituresMisc, Rd. L4	5	14MAR05	18MAR05	43d	0
UT-1600PS	PCCW/HGC beside PS2 @ Rd. L4	4	14MAR05	17MAR05	19d	0
B5-1672A7	Cycle Track & Footway, L4/Ch.314-437	25	18MAR05	11APR05	19d	0



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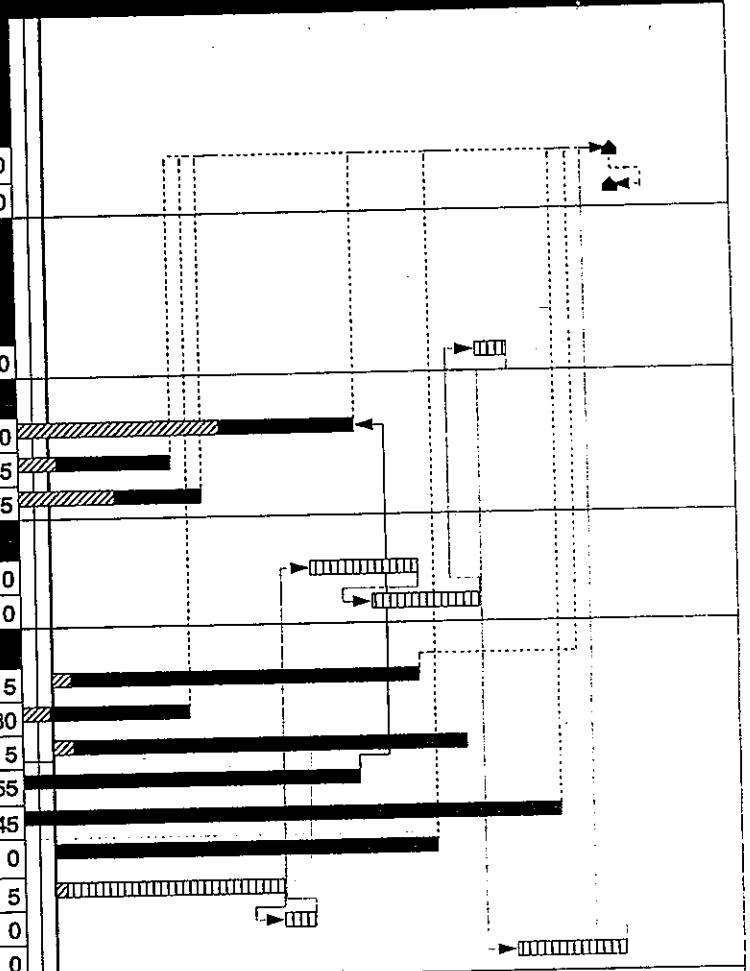
Contract No. TP35/02
Remaining Engineering Infrastructure Works
for Pak Shek Kok Development Package 1
REMAINING WORKS @ SECTION 13

Act ID	Description	Orig Dur	Early Start	Early Finish	Total Float	Percent Complete
Completion Dates						
KD-2160A	Achievement Date for KD-2160	0		07JAN05	0	0
KD-2160B	Assumed Extension of Time for KD-2160	0		07JAN05 *	0	0
Section 16- Remainder of Works, except LS+EW						
Part 3 11 Earthworks Section 16						
B3-1622N9	Deposit/ Compact, N.end, Promenade	2	30DEC04	31DEC04	0	0
Part 4 11 Drainage & Sewerage Section 16						
B4-1683B56	U-Channel, D1/1860~2180	45	25SEP04 A	21DEC04	17d	90
B4-1689D2	Trapezoidal Channel, D1at S0049 to Area 9B bound	30	10NOV04 A	09DEC04	29d	75
B4-1689C8	Trapezoidal Channel, at H Site 3	40	19NOV04 A	11DEC04	27d	75
Section 16 Utilities						
UT-1600T9A	PCCW, N. end, Promenade	7	19DEC04	25DEC04	0	0
UT-1600T9B	HGC, N. end, Promenade	7	23DEC04	29DEC04	0	0
Part 5 10 Roadworks Section 16						
B5-1672A31	Footpath,D1/Ch.920-1020 remaining	25	02DEC04 A	25DEC04	13d	5
B5-1672A2	Cycle Track & Footway, D1/Ch.1020-1360	45	26OCT04 A	10DEC04	28d	80
B5-1670A13	Roadworks,D1/Ch.1360-1500 remaining	28	02DEC04 A	28DEC04	4d	5
B5-1672A6	Footpath, D1/Ch.1860-2180	45	25SEP04 A	21DEC04	17d	55
B5-1674G0	Road Furnitures&Misc.,D1/Ch920-2180	60	08OCT04 A	03JAN05	4d	45
B5-1672A3	Footpath, D1/Ch.1360-1500	25	02DEC04	26DEC04	12d	0
B5-1670A66	DiversionWorksforCycleTrack@N.Entrance remaining	16	02DEC04 A	16DEC04	0	5
B5-1670A76	Breaking of Existing Cycle Track N. Entrance	2	17DEC04	18DEC04	0	0
B5-1670A56	Cycle Track and Footpath, North End	7	01JAN05	07JAN05	0	0



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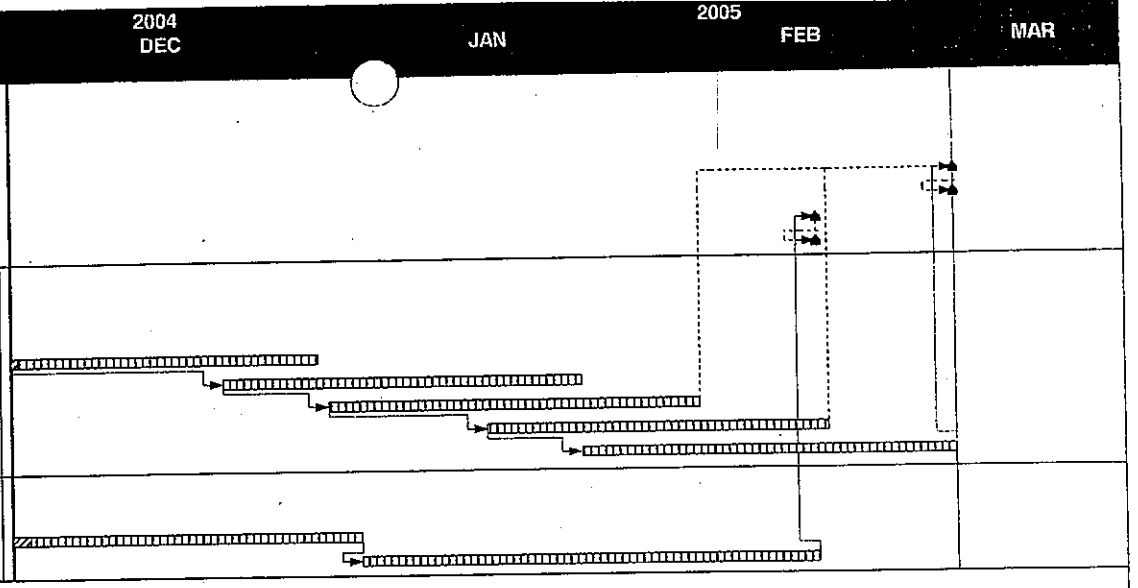
Remaining Engineering Infrastructure Works
for Pak Shek Kok Development Package 1
REMAINING WORKS @ SECTION 16

Act ID	Description	Orig Dur	Early Start	Early Finish	Total Float	Percent Complete
Completion Dates						
KD-2170A	Achievement Date for KD-2170	0		28FEB05	0	0
KD-2170B	Assumed Extension of Time for KD-2170	0		28FEB05*	0	0
KD-2180A	Achievement Date for KD-2180	0		15FEB05	0	0
KD-2180B	Assumed Extension of Time for KD-2180	0		15FEB05*	0	0
Section 17- Areas 1,2,6,7A+7B Landscape Softwork						
Part 12 Landscape Works - Section 17						
BL-1707A11	Area1,2,6,7B&7A Preparation &Miscellaneous Works	30	02DEC04 A	30DEC04	0	2
BL-1707A21	Area 1- Planting Works remaining	34	22DEC04	24JAN05	0	0
BL-1707A2	Areas 2+6- Planting Works	35	01JAN05	04FEB05	0	0
BL-1707A4	Area 7B- Planting Works	25	16JAN05	16FEB05	0	0
BL-1707A3	Area 7A- Planting Works	35	25JAN05	28FEB05	0	0
Section 18- Remainder of Landscaping Works						
Part 12 Landscape Works - Section 18						
BL-1814A11	PreparationWorks remain &CLPrelated obstructions	35	02DEC04 A	03JAN05	0	5
BL-1814A2	Planting Works, Remainder	43	04JAN05	15FEB05	0	0



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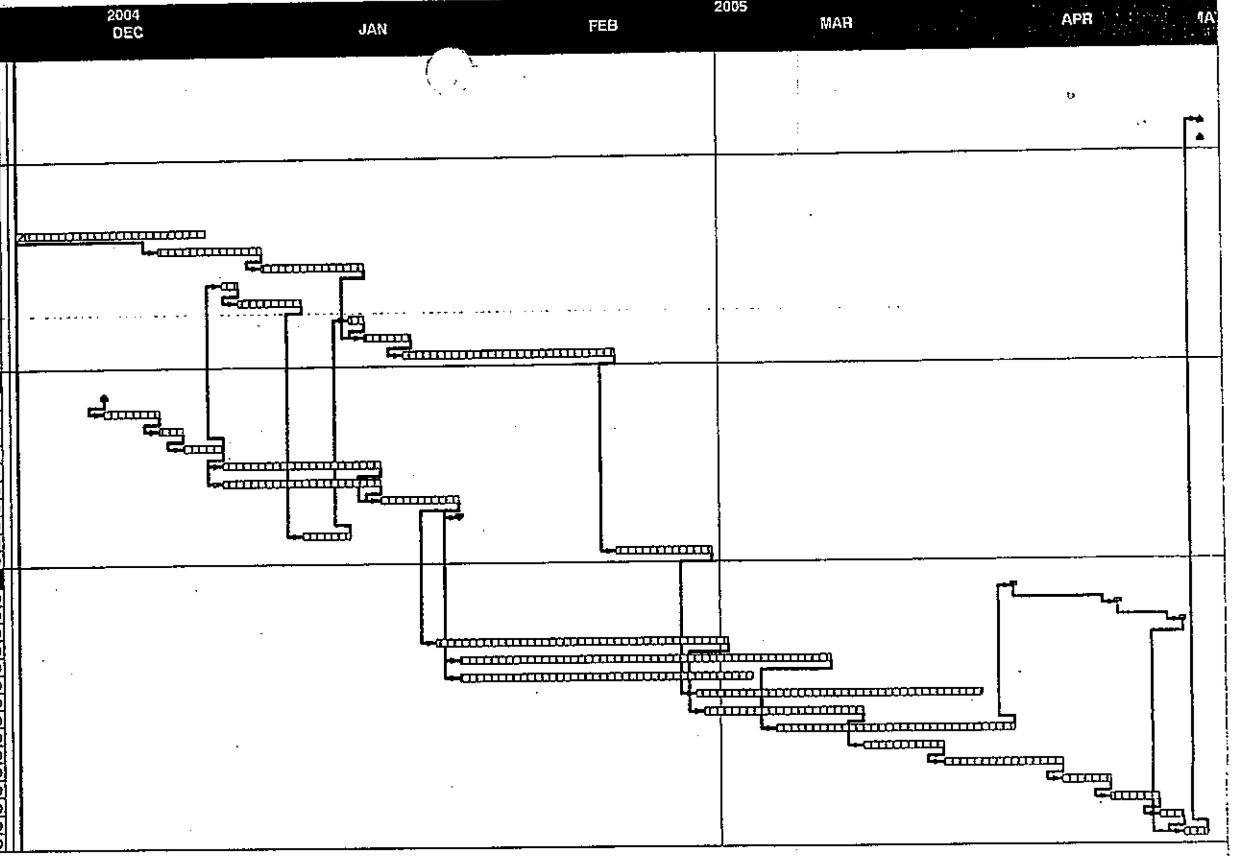
Contract No. TP35/02
Remaining Engineering Infrastructure Works
for Pak Shek Kok Development Package 1
REMAINING WORKS @ SECTION 17 & 18

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
Completion Dates								
KD-2120A	Achievement Date for KD-2120	0		30APR05		30APR05	0	0
KD-2120B	Assumed Extension of Time for KD-2120	0		30APR05 *		30APR05 *	0	0
Section 12- Works of Sewage Pumping Station No.1								
Part 1.1 Pumping Station [illegible]								
BS-120760	Preliminary Testing and Leakage Repair Works	25	02DEC04 A	25DEC04	02DEC04 A	25DEC04	0	5
BS-120720	WatertightnessTest for Group A	13	20DEC04	01JAN05	20DEC04	01JAN05	0	0
BS-120860	Watertightness Test for Group B	13	02JAN05	14JAN05	02JAN05	14JAN05	0	0
BS-121010	Scaffolding Erection for new Wall @ GL4~5/E	2	28DEC04	29DEC04	28DEC04	29DEC04	0	0
BS-121020	New Wall Construction @GL4~5/E	8	30DEC04	06JAN05	30DEC04	06JAN05	0	0
BS-121030	Scaffolding removal @ Switch room Area	2	13JAN05	14JAN05	13JAN05	14JAN05	0	0
BS-121040	Sheetpile Extraction @ Switch Room Area	6	15JAN05	20JAN05	15JAN05	20JAN05	0	0
BS-120520	Inspection Gallery & Switchroom construction	20	20JAN05	15FEB05	20JAN05	15FEB05	0	0
Part 1.2 Finishing Works								
BS-121000	CompletionofPrep.WorksonWindows/Louversrevisions	0		12DEC04 *		12DEC04	0	0
BS-120930	Wall Finishing	7	13DEC04	19DEC04	13DEC04	19DEC04	0	0
BS-120940	Wall Painting	3	20DEC04	22DEC04	20DEC04	22DEC04	0	0
BS-120950	Platform Removal @ Loading Bay	5	23DEC04	27DEC04	23DEC04	27DEC04	0	0
BS-120970	Newly added Wall wcabinet	20	28DEC04	16JAN05	28DEC04	16JAN05	0	0
BS-120980	Brickwall at G.L.2 (7 days curing)	20	28DEC04	16JAN05	28DEC04	16JAN05	0	0
BS-120990	Finishing on these Walls	10	17JAN05	26JAN05	17JAN05	26JAN05	0	0
BS-121060	Handover to E&M Works @ Loading Area	0	27JAN05		27JAN05		0	0
BS-120800	Finishing of New Wall @ G.L.4~5/E	6	07JAN05	12JAN05	07JAN05	12JAN05	0	0
BS-120630	Finishing Works for Insp.gallery & Switchroom	12	16FEB05	27FEB05	16FEB05	27FEB05	0	0
Part 1.4 Electrical & Mechanical Equipment								
BS-125060	FS 501 Submission	0	07APR05		07APR05		0	0
BS-125070	Expected FSD Inspection	0	20APR05		20APR05		0	0
BS-125170	FSD Final Inspection	0	28APR05		28APR05		0	0
BS-126030	Cable Tray Installation	30	24JAN05	01MAR05	24JAN05	01MAR05	0	0
BS-126020	Conduit & Trunking	40	27JAN05	14MAR05	27JAN05	14MAR05	0	0
BS-126070	MVAC	30	27JAN05	04MAR05	27JAN05	04MAR05	0	0
BS-124100	LV Switchboard and Control Panels	30	26FEB05	02APR05	26FEB05	02APR05	0	0
BS-126050	Cabling works	20	27FEB05	16MAR05	27FEB05	16MAR05	0	0
BS-126090	F.S. Services Installation	30	08MAR05	06APR05	08MAR05	06APR05	0	0
BS-125100	Cable Terminations to Major Equipments	10	19MAR05	28MAR05	19MAR05	28MAR05	0	0
BS-125110	Cable Terminations to Other Equipments	15	29MAR05	12APR05	29MAR05	12APR05	0	0
BS-127100	Deodourizer System functional Testing	6	13APR05	18APR05	13APR05	18APR05	0	0
BS-127030	SCADA and PLC Works Functional Testing	6	19APR05	24APR05	19APR05	24APR05	0	0
BS-127170	SCADA & PLC Mapping Test	3	25APR05	27APR05	25APR05	27APR05	0	0
BS-127010	Commissioning Test	3	28APR05	30APR05	28APR05	30APR05	0	0



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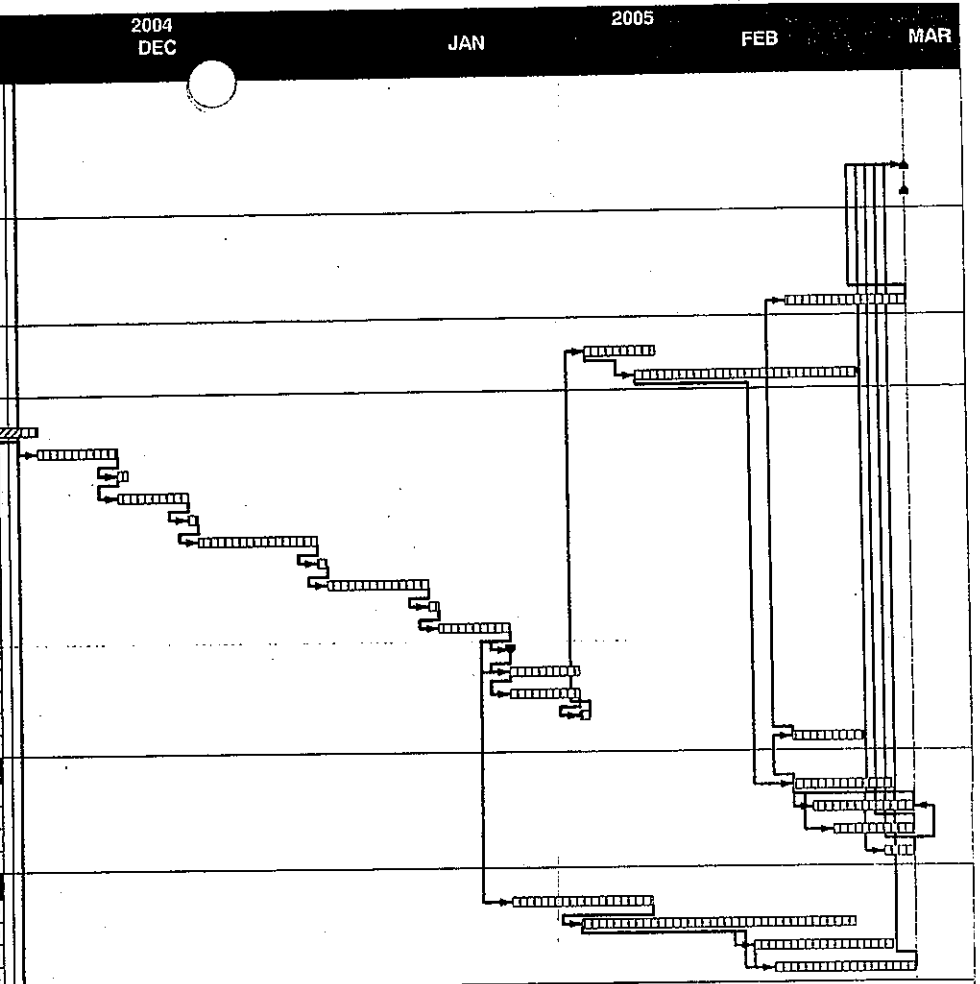
Contract No. TP35/02
Remaining Engineering Infrastructure Works
for Pak Shek Kok Development Package 1
Critical Path on Section 12

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
Completion Dates								
KD-2030A	Achievement Date for KD-2030	0		28FEB05		28FEB05	0	0
KD-2030B	Assumed Ext.of Time for Section 3	0		28FEB05 *		28FEB05 *	0	0
Section 3-Works in Areas3,4+6,except Sec.4+LS&EW								
Part 5.3 Roadworks - Section 3								
B5-0325C23	Footpath at Area 8 under bridge	12	17FEB05	28FEB05	17FEB05	28FEB05	0	0
Part 7.2 Substructure - East Abutment								
B7-032050	Abutment Wall, Rest - East Abutment	7	28JAN05	03FEB05	28JAN05	03FEB05	0	0
B7-032060	Drainage & Backfill - East Abutment	16	02FEB05	23FEB05	02FEB05	23FEB05	0	0
Part 7.4 Superstructure								
B7-034050	Rebar installation for bridgesoffit & webwalls	20	17NOV04 A	03DEC04	17NOV04 A	03DEC04	0	90
B7-034060	Installation of tendon ducts & grout vents	8	04DEC04	11DEC04	04DEC04	11DEC04	0	0
B7-034070	Inspection and approval of tendon profile	1	12DEC04	12DEC04	12DEC04	12DEC04	0	0
B7-034180	Formworking installation at webs	7	12DEC04	18DEC04	12DEC04	18DEC04	0	0
B7-034090	Concreting ofsoffit,sidewalls&internalwebkickers	1	19DEC04	19DEC04	19DEC04	19DEC04	0	0
B7-034100	Rebar and formworking of top slab	12	20DEC04	31DEC04	20DEC04	31DEC04	0	0
B7-034110	Concreting of internal web wall to topslabsoffit	1	01JAN05	01JAN05	01JAN05	01JAN05	0	0
B7-034080	Strands threading to tendon ducts	10	02JAN05	11JAN05	02JAN05	11JAN05	0	0
B7-034130	Concreting of top slab	1	12JAN05	12JAN05	12JAN05	12JAN05	0	0
B7-034140	Curing	7	13JAN05	19JAN05	13JAN05	19JAN05	0	0
B7-034020	Start Prestressing	0	20JAN05		20JAN05		0	0
B7-034150	Post-tensioning of Bridge Deck	7	20JAN05	26JAN05	20JAN05	26JAN05	0	0
B7-034160	Grouting	7	20JAN05	26JAN05	20JAN05	26JAN05	0	0
B7-034170	Anchorage backfilling	1	27JAN05	27JAN05	27JAN05	27JAN05	0	0
B7-034190	Falsework dismantling	7	17FEB05	23FEB05	17FEB05	23FEB05	0	0
Part 7.6 Finishing Works								
B7-036030	Road & Drainage Works	10	17FEB05	28FEB05	17FEB05	28FEB05	0	0
B7-036050	Footway, Cycle Track, Paving	10	19FEB05	28FEB05	19FEB05	28FEB05	0	0
B7-036060	Roadwork Furnitures & Miscellaneous	8	21FEB05	28FEB05	21FEB05	28FEB05	0	0
B7-036040	Wearing Course	3	26FEB05	28FEB05	26FEB05	28FEB05	0	0
Part 7.7 Modification of Pak Shek Kok Bridge								
B7-037020	Demolition for Connection & Excavation	14	20JAN05	02FEB05	20JAN05	02FEB05	0	0
B7-037030	Modification Works	20	27JAN05	22FEB05	27JAN05	22FEB05	0	0
B7-037040	Drainage Works & Movement Joints	14	13FEB05	28FEB05	13FEB05	28FEB05	0	0
B7-037050	E&M Works & Finishing	14	15FEB05	28FEB05	15FEB05	28FEB05	0	0



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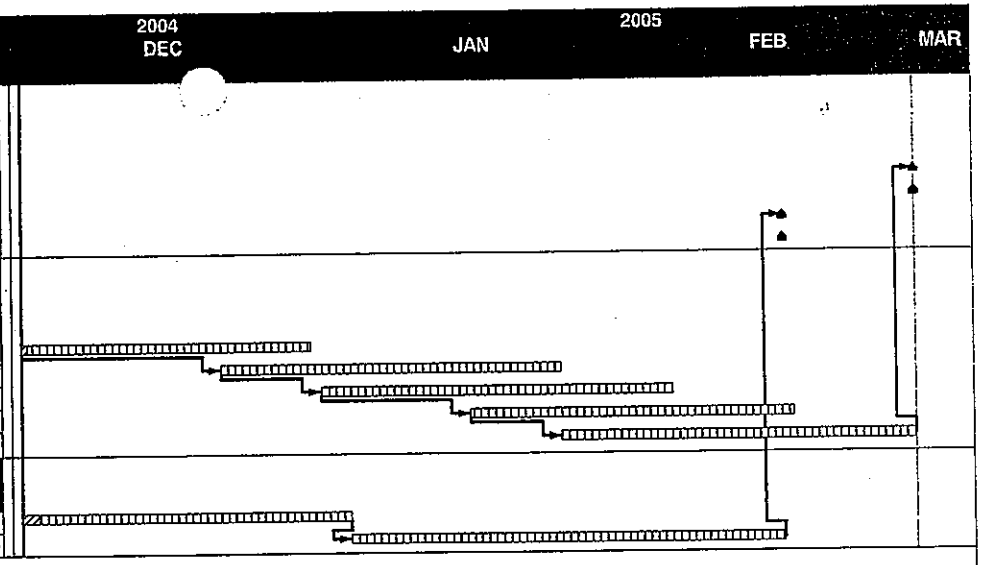
for Pak Shek Kok Development Package 1
Critical Path on Section 3

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
Completion Dates								
KD-2170A	Achievement Date for KD-2170	0		28FEB05		28FEB05	0	0
KD-2170B	Assumed Extension of Time for KD-2170	0		28FEB05 *		28FEB05 *	0	0
KD-2180A	Achievement Date for KD-2180	0		15FEB05		15FEB05	0	0
KD-2180B	Assumed Extension of Time for KD-2180	0		15FEB05 *		15FEB05 *	0	0
Section 17- Areas 1,2,6,7A+7B Landscape Softwork								
Part 17 Landscape Works - Section								
BL-1707A11	Area1,2,6,7B&7A Preparation &Miscellaneous Works	30	02DEC04 A	30DEC04	02DEC04 A	30DEC04	0	2
BL-1707A21	Area 1- Planting Works remaining	34	22DEC04	24JAN05	22DEC04	24JAN05	0	0
BL-1707A2	Areas 2+6- Planting Works	35	01JAN05	04FEB05	01JAN05	04FEB05	0	0
BL-1707A4	Area 7B- Planting Works	25	16JAN05	16FEB05	16JAN05	16FEB05	0	0
BL-1707A3	Area 7A- Planting Works	35	25JAN05	28FEB05	25JAN05	28FEB05	0	0
Section 18- Remainder of Landscaping Works								
Part 18 Landscape Works - Section								
BL-1814A11	PreparationWorks remain &CLPrelated obstructions	35	02DEC04 A	03JAN05	02DEC04 A	03JAN05	0	5
BL-1814A2	Planting Works, Remainder	43	04JAN05	15FEB05	04JAN05	15FEB05	0	0



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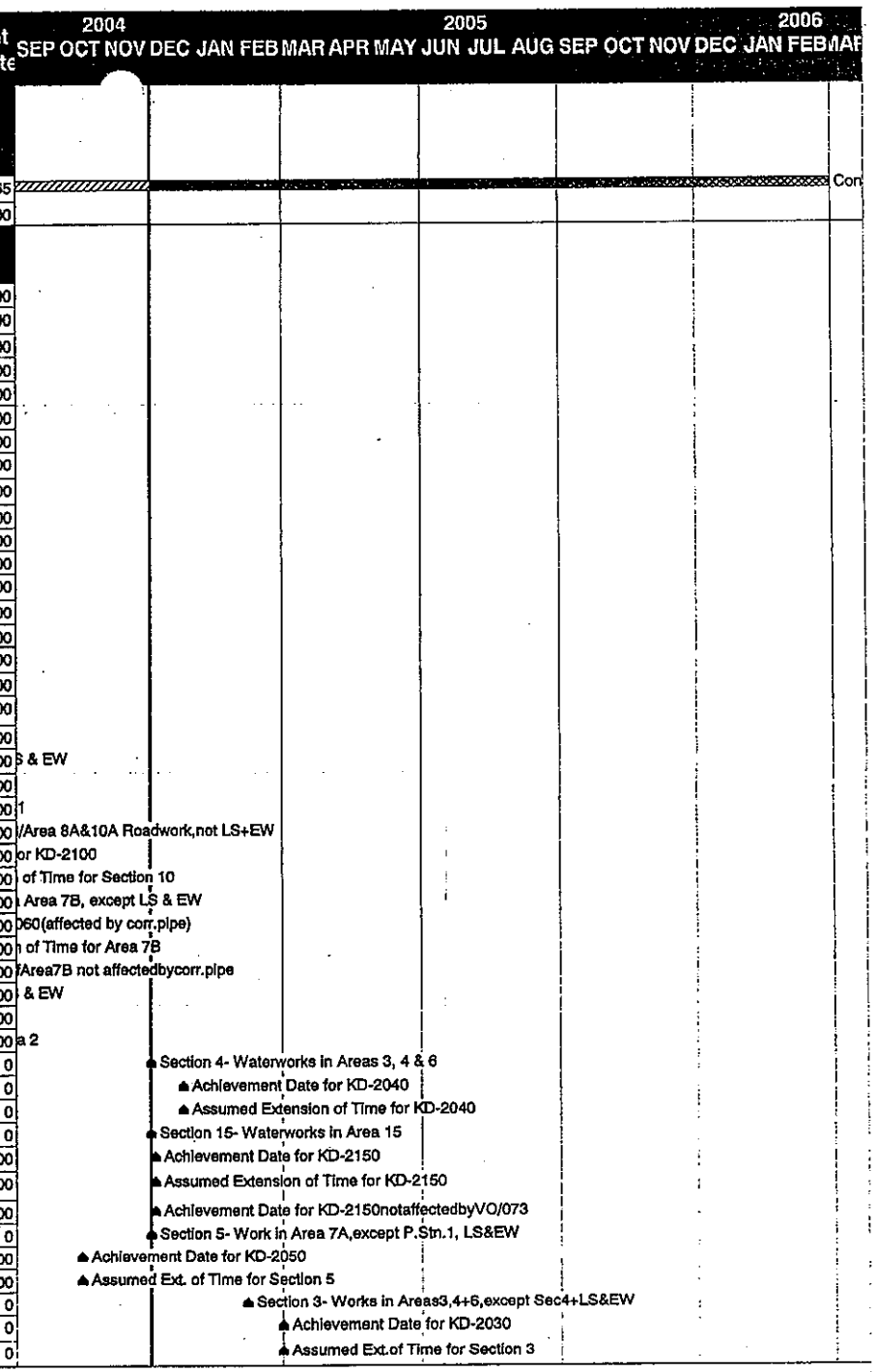
Remaining Engineering Infrastructure Works
for Pak Shek Kok Development Package 1
Critical Path on Section 17, 18

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
Contract Award & Commencement								
KD-1000	Contract Duration	1282 *	27AUG02 A	28FEB06	27AUG02 A	28FEB06	0	65
KD-1010	Contract Award & Commencement	0	27AUG02 A		27AUG02 A			100
Completion Dates								
KD-2212	Land Strip @E of SRE Office/N of School Site	0		14NOV02 A		14NOV02 A		100
KD-2212A	Achievement Date of KD-2212	0		14NOV02 A		14NOV02 A		100
KD-2080	Section 8- Works in Area 10B	0		06DEC02 A		06DEC02 A		100
KD-2080A	Achievement Date of KD-2080	0		06DEC02 A		06DEC02 A		100
KD-2140	Section 14- Work in Area 14	0		07APR03 A		07APR03 A		100
KD-2140A	Achievement Date of KD-2140	0		07APR03 A		07APR03 A		100
KD-2213	Land Strip around Housing Site 1	0		15MAY03 A		15MAY03 A		100
KD-2213A	Achievement Date of KD-2213	0		15MAY03 A		15MAY03 A		100
KD-2090	Section 9- Works in Area 5	0		23JUL03 A		23JUL03 A		100
KD-2090B	Assumed Ext.of Time for Section9-Works in Area 5	0		23JUL03 A		23JUL03 A		100
KD-2090A	Achievement Date for KD-2090	0		23JUL03 A		23JUL03 A		100
KD-2070	Sec.7-Area 8A,not Rd.work/Area 10A,not Sec.10&11	0		09AUG03 A		09AUG03 A		100
KD-2070A	Achievement Date for KD-2070	0		09AUG03 A		09AUG03 A		100
KD-2211	Land Strip South of Area 8A	0		09AUG03 A		09AUG03 A		100
KD-2211A	Achievement Date for KD-2211	0		09AUG03 A		09AUG03 A		100
KD-2110	Sec.11- Area10A Pipe Culvert 10A,Earthwork+Works	0		10NOV03 A		10NOV03 A		100
KD-2110A	Achievement Date for KD-2110	0		10NOV03 A		10NOV03 A		100
KD-2214	Land Strip around Housing Sites 2 & 3	0		18NOV03 A		18NOV03 A		100
KD-2214A	Achievement Date for KD-2214	0		18NOV03 A		18NOV03 A		100
KD-2010	Section 1- Works in Area 1, except LS & EW	0		09MAR04 A		09MAR04 A		100
KD-2010A	Achievement Date for KD-2010	0		09MAR04 A		09MAR04 A		100
KD-2010B	Assumed Extension of Time for Area 1	0		09MAR04 A		09MAR04 A		100
KD-2100	Sec.10-Area 9A+9B/Area 8A&10A Roadwork,not	0		29MAY04 A		29MAY04 A		100
KD-2100A	Achievement Date for KD-2100	0		29MAY04 A		29MAY04 A		100
KD-2100B	Assumed Extension of Time for Section 10	0		29MAY04 A		29MAY04 A		100
KD-2060	Section 6- Works in Area 7B, except LS & EW	0		31MAY04 A		31MAY04 A		100
KD-2060A	AchievementDateforKD-2060(affected by corr.pipe)	0		30APR04 A		30APR04 A		100
KD-2060B	Assumed Extension of Time for Area 7B	0		31MAY04 A		31MAY04 A		100
KD-2060C	Subst.CompletionofArea7B not affectedbycorr.pipe	0		31MAY04 A		31MAY04 A		100
KD-2020	Section 2- Works Area 2, except LS & EW	0		17MAR04 A		17MAR04 A		100
KD-2020A	Achievement Date for KD-2020	0		17MAR04 A		17MAR04 A		100
KD-2020B	Assumed Extension of Time for Area 2	0		17MAR04 A		17MAR04 A		100
KD-2040	Section 4- Waterworks in Areas 3, 4 & 6	0		01DEC04 *		26MAY04 *	-189d	0
KD-2040A	Achievement Date for KD-2040	0		23DEC04		23DEC04	0	0
KD-2040B	Assumed Extension of Time for KD-2040	0		23DEC04 *		23DEC04 *	0	0
KD-2150	Section 15- Waterworks in Area 15	0		01DEC04 *		14JUL04 *	-140d	0
KD-2150A	Achievement Date for KD-2150	0		04DEC04 A		04DEC04 A		100
KD-2150B	Assumed Extension of Time for KD-2150	0		04DEC04 A		04DEC04 A		100
KD-2150B10	Achievement Date for KD-2150notaffectedbyVO/073	0		04DEC04 A		04DEC04 A		100
KD-2050	Section 5- Work in Area 7A,except P.Stn.1, LS&EW	0		01DEC04 *		16SEP04 *	-76d	0
KD-2050A	Achievement Date for KD-2050	0		16OCT04 A		16OCT04 A		100
KD-2050B	Assumed Ext. of Time for Section 5	0		16OCT04 A		16OCT04 A		100
KD-2030	Section 3- Works in Areas3,4+6,except Sec4+LS&EW	0		04FEB05 *		04FEB05 *	0	0
KD-2030A	Achievement Date for KD-2030	0		28FEB05		28FEB05	0	0
KD-2030B	Assumed Ext.of Time for Section 3	0		28FEB05 *		28FEB05 *	0	0



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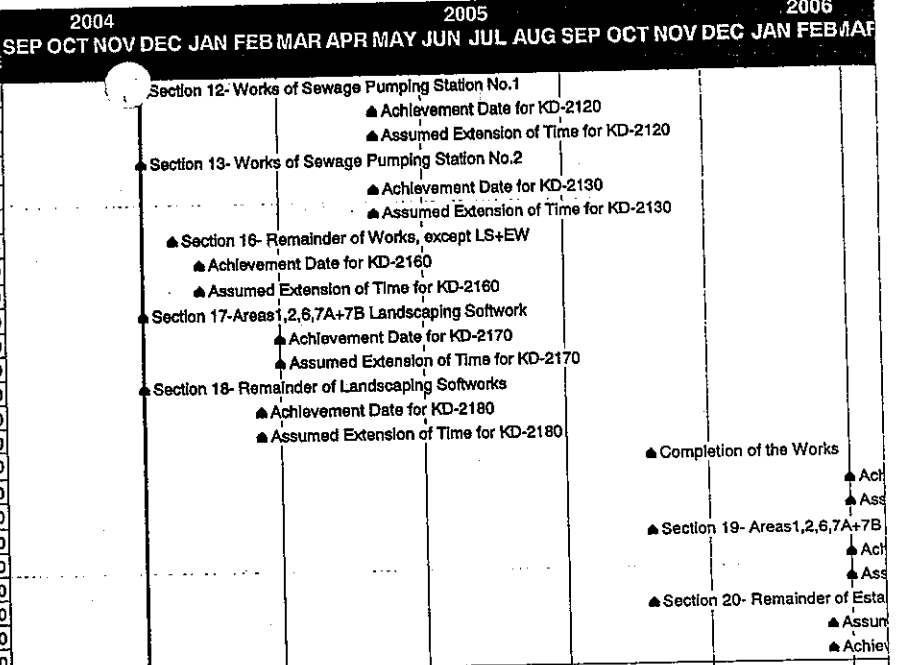
REVISED WORKS PROGRAMME I

Date	Revision	Checked	Approved
01JUN04	No.9 Revision G	WAJ	WL
07JUL04	No.10 RevisionG1	WAJ	WL
04OCT04	No.11 Revision H	WAJ	WL
17DEC04	No.12 Revision I	WAJ	WL

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
KD-2120	Section 12- Works of Sewage Pumping Station No.1	0		01L...34 *		18NOV04 *	-13d	0
KD-2120A	Achievement Date for KD-2120	0		30APR05		30APR05	0	0
KD-2120B	Assumed Extension of Time for KD-2120	0		30APR05 *		30APR05 *	0	0
KD-2130	Section 13- Works of Sewage Pumping Station No.2	0		01DEC04 *		16NOV04 *	-15d	0
KD-2130A	Achievement Date for KD-2130	0		30APR05		30APR05	0	0
KD-2130B	Assumed Extension of Time for KD-2130	0		30APR05 *		30APR05 *	0	0
KD-2160	Section 16- Remainder of Works, except LS+EW	0		21DEC04 *		21DEC04 *	0	0
KD-2160A	Achievement Date for KD-2160	0		07JAN05		07JAN05	0	0
KD-2160B	Assumed Extension of Time for KD-2160	0		07JAN05 *		07JAN05 *	0	0
KD-2170	Section 17-Areas1,2,6,7A+7B Landscaping Softwork	0		01DEC04 *		24OCT04 *	-38d	0
KD-2170A	Achievement Date for KD-2170	0		28FEB05		28FEB05	0	0
KD-2170B	Assumed Extension of Time for KD-2170	0		28FEB05 *		28FEB05 *	0	0
KD-2180	Section 18- Remainder of Landscaping Softworks	0		01DEC04 *		24OCT04 *	-38d	0
KD-2180A	Achievement Date for KD-2180	0		15FEB05		15FEB05	0	0
KD-2180B	Assumed Extension of Time for KD-2180	0		15FEB05 *		15FEB05 *	0	0
KD-2009	Completion of the Works	0		24OCT05 *		24OCT05 *	0	0
KD-2009A	Achievement Date for KD-2009	0		28FEB06		28FEB06	0	0
KD-2009B	Assumed Extension of Time for Completion ofWorks	0		28FEB06 *		28FEB06 *	0	0
KD-2190	Section 19- Areas1,2,6,7A+7B Establishment Works	0		24OCT05 *		24OCT05 *	0	0
KD-2190A	Achievement Date for KD-2190	0		28FEB06		28FEB06	0	0
KD-2190B	Assumed Extension of Time for KD-2190	0		28FEB06 *		28FEB06 *	0	0
KD-2200	Section 20- Remainder of Establishment Works	0		24OCT05 *		24OCT05 *	0	0
KD-2200B	Assumed Extension of Time for KD-2200	0		15FEB06 *		15FEB06 *	0	0
KD-2200A	Achievement Date for KD-2200	0		15FEB06		15FEB06	0	0
+Phased Possession of Site								
		318	27AUG02 A	24SEP03 A	27AUG02 A	24SEP03 A		100
+Utilities Milestone Dates								
		22	01DEC04	23DEC04	01DEC04	23DEC04	0	0
+Submission & Approval								
		583	27AUG02 A	26JUL04 A	27AUG02 A	26JUL04 A		100
+Preliminaries & Procurement								
		676	27AUG02 A	13DEC04	27AUG02 A	11APR05	102d	100
+Cycle Track Traffic Management								
		522	14SEP02 A	26JUN04 A	14SEP02 A	26JUN04 A		100
+Temporary Traffic Arrangement								
		555	28AUG02 A	05MAR04 A	28AUG02 A	05MAR04 A		100
+Temporary Diversion of Exi. Utilities & Drainage								
		455	26NOV02 A	24FEB04 A	26NOV02 A	24FEB04 A		100
Part 1.1 Preliminaries								
B1-0101D1	Erect Contractor's Temporary Site Offices	21	27AUG02 A	16SEP02 A	27AUG02 A	16SEP02 A		100
B1-0101I0	Third Party Insurance	1	27AUG02 A	27AUG02 A	27AUG02 A	27AUG02 A		100
B1-0102C1	Install computer facilities for Engineer,Initial	2	27AUG02 A	28AUG02 A	27AUG02 A	28AUG02 A		100
B1-0103D1	Provide Mobile Phones, 4nr	7	27AUG02 A	02SEP02 A	27AUG02 A	02SEP02 A		100
B1-0103L0	Take over ex.W.Washing Facilities at Zone A	1	27AUG02 A	27AUG02 A	27AUG02 A	27AUG02 A		100
B1-0107C0	Prepare & Submit Waste Management Plan	7	27AUG02 A	02SEP02 A	27AUG02 A	02SEP02 A		100
B1-0103J6	Maintain W.Washing Facilities, Existing @Zone A	773	28AUG02 A	28MAR03 A	28AUG02 A	28MAR03 A		100
B1-0101D2	Servicing Contractor's Temp. Site Offices	100	03SEP02 A	18DEC02 A	03SEP02 A	18DEC02 A		100
B1-0102E0	Record Photographs	14	03SEP02 A	16SEP02 A	03SEP02 A	16SEP02 A		100



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REVISED WORKS PROGRAMME I

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01JUN04	No.9 Revision G	WAJ	WL
07JUL04	No.10 RevisionG1	WAJ	WL
04OCT04	No.11 Revision H	WAJ	WL
17DEC04	No.12 Revision I	WAJ	WL

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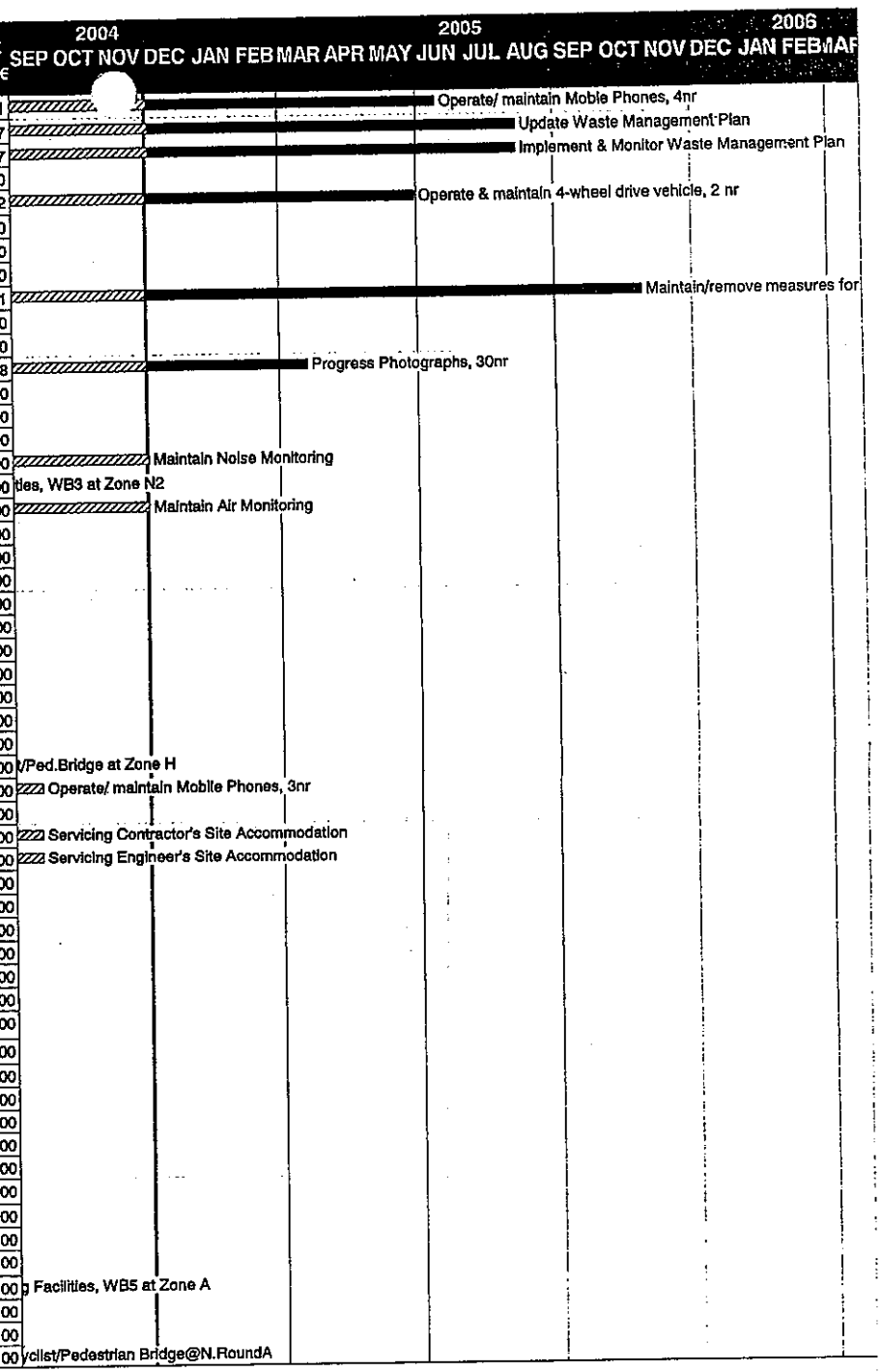
B1-0103E1	Operate/ maintain Mobile Phones, 4nr	1020	03SEP02 A	[illegible]05	03SEP02 A	28FEB06	260d	81
B1-0107D0	Update Waste Management Plan	1080	03SEP02 A	06AUG05	03SEP02 A	28FEB06	206d	77
B1-0107E0	Implement & Monitor Waste Management Plan	1080	03SEP02 A	06AUG05	03SEP02 A	28FEB06	206d	77
B1-0102A0	Provide 4-wheel drive vehicle, 2 nr	5	05SEP02 A	09SEP02 A	05SEP02 A	09SEP02 A		100
B1-0102B0	Operate & maintain 4-wheel drive vehicle, 2 nr	1001	05SEP02 A	30MAY05	05SEP02 A	20NOV05	174d	82
B1-0108B01	Site Clearance-Zones A,B2,C,D,E,F,J,L,N2,Q&S1	30	05SEP02 A	15OCT02 A	05SEP02 A	15OCT02 A		100
B1-0101F1	Provide measures-Traffic flow maint. S1/ZoneF,B2	14	10SEP02 A	23SEP02 A	10SEP02 A	23SEP02 A		100
B1-0101F3	Provide measures- Traffic flow maint. S5/ Zone F	14	10SEP02 A	23SEP02 A	10SEP02 A	23SEP02 A		100
B1-0101G0	Maintain/remove measures for traffic flow	1140	10SEP02 A	28OCT05	10SEP02 A	28FEB06	123d	71
B1-0103I3	Construct W.Washing Facilities, WB3 at Zone N2	15	26SEP02 A	10OCT02 A	26SEP02 A	10OCT02 A		100
B1-0108B02	Site Clearance- Zones R & S1	2	27SEP02 A	28SEP02 A	27SEP02 A	28SEP02 A		100
B1-0102D0	Progress Photographs, 30nr	900	01OCT02 A	19MAR05	01OCT02 A	12AUG05	146d	88
B1-0106J0	Provide Baseline Air Monitoring	14	02OCT02 A	17OCT02 A	02OCT02 A	17OCT02 A		100
B1-0108B15	General Site Clearance	1080	05OCT02 A	15MAR04 A	05OCT02 A	15MAR04 A		100
B1-0101E4	T/O measures-Traffic flow maintenance, Zone S1	2	09OCT02 A	10OCT02 A	09OCT02 A	10OCT02 A		100
B1-0106N0	Maintain Noise Monitoring	1118	09OCT02 A	02DEC04 A	09OCT02 A	02DEC04 A		100
B1-0103J3	Maintain W.Washing Facilities, WB3 at Zone N2	700	11OCT02 A	30APR04 A	11OCT02 A	30APR04 A		100
B1-0106K0	Maintain Air Monitoring	1104	16OCT02 A	02DEC04 A	16OCT02 A	02DEC04 A		100
B1-0106M0	Provide Baseline Noise Monitoring	14	16OCT02 A	16OCT02 A	16OCT02 A	16OCT02 A		100
B1-0101D4	Erect Contractor's Site Accommodation	60	01NOV02 A	26NOV02 A	01NOV02 A	26NOV02 A		100
B1-0101A0	Erect Engineer's Site Accommodation	60	14NOV02 A	01DEC02 A	14NOV02 A	01DEC02 A		100
B1-0104E0	Concrete Paving to Engineer's Site Accommodation	21	14NOV02 A	14NOV02 A	14NOV02 A	14NOV02 A		100
B1-0103C1	Erect Temporary Gate, 6mWx1.8mH at Zone A	21	26NOV02 A	16DEC02 A	26NOV02 A	16DEC02 A		100
B1-0103C2	Erect Temporary Gate, 6mWx1.8mH at Zone Q	21	26NOV02 A	16DEC02 A	26NOV02 A	16DEC02 A		100
B1-0103C3	Erect Temporary Gate, 6mWx1.8mH at SRE Office	21	26NOV02 A	16DEC02 A	26NOV02 A	16DEC02 A		100
B1-0103D2	Provide Mobile Phones, 3nr	7	26NOV02 A	02DEC02 A	26NOV02 A	02DEC02 A		100
B1-0107K0	Take over Ex.Cyclist/Ped.Bridge at Zone H	1	26NOV02 A	26NOV02 A	26NOV02 A	26NOV02 A		100
B1-0108B03	Site Clearance- Zone B1	2	26NOV02 A	27NOV02 A	26NOV02 A	27NOV02 A		100
B1-0107L0	Maintain Ex.Cyclist/Ped.Bridge at Zone H	392	27NOV02 A	07JUN04 A	27NOV02 A	07JUN04 A		100
B1-0103E2	Operate/ maintain Mobile Phones, 3nr	1020	03DEC02 A	20SEP04 A	03DEC02 A	20SEP04 A		100
B1-0101D3	Demolish Contactor's Temp. Site Offices	14	09DEC02 A	11DEC02 A	09DEC02 A	11DEC02 A		100
B1-0101D5	Servicing Contractor's Site Accommodation	1045	16DEC02 A	20SEP04 A	16DEC02 A	20SEP04 A		100
B1-0101B0	Servicing Engineer's Site Accommodation	1037	25DEC02 A	20SEP04 A	25DEC02 A	20SEP04 A		100
B1-0101E1	T/O measures-Traffic flow maintenance, Rest	14	26DEC02 A	28SEP03 A	26DEC02 A	28SEP03 A		100
B1-0101E3	T/O measures-Traffic flow maintenance, Zone P	2	26DEC02 A	27DEC02 A	26DEC02 A	27DEC02 A		100
B1-0102C2	Install computer facilities for Engineer	45	30DEC02 A	25JAN03 A	30DEC02 A	25JAN03 A		100
B1-0101F7	Provide measures- Traffic flow maint. S16/Zone P	14	15JAN03 A	21JAN03 A	15JAN03 A	21JAN03 A		100
B1-0101E2	T/O measures-Traffic flow maintenance, Zone G	2	24JAN03 A	25JAN03 A	24JAN03 A	25JAN03 A		100
B1-0101F2	Provide measures- Traffic flow maint. S3/ Zone G	14	27JAN03 A	01APR03 A	27JAN03 A	01APR03 A		100
B1-0101F4	Provide measures- Traffic flow maint. S16/Zone G	14	27JAN03 A	08APR03 A	27JAN03 A	08APR03 A		100
B1-0108B06	Site Clearance- Zone S3 & J Rest	5	07MAR03 A	26APR03 A	07MAR03 A	26APR03 A		100
B1-0108B04	Site Clearance- Zone P	5	20MAR03 A	30APR03 A	20MAR03 A	30APR03 A		100
B1-0108B05	Site Clearance- Zone G	3	20MAR03 A	30MAR03 A	20MAR03 A	30MAR03 A		100
B1-0101E5	T/O measures-Traffic flow maintenance, Zone S3	2	27MAR03 A	28MAR03 A	27MAR03 A	28MAR03 A		100
B1-0103K6	Remove W.Washing Facilities, Existing @ Zone A	15	28MAR03 A	14APR03 A	28MAR03 A	14APR03 A		100
B1-0101F5	Provide measures- Traffic flow maint. S16/ZoneS3	14	29MAR03 A	11APR03 A	29MAR03 A	11APR03 A		100
B1-0108B07	Site Clearance- Zones N1 & T	6	05APR03 A	10APR03 A	05APR03 A	10APR03 A		100
B1-0103I5	Construct W.Washing Facilities, WB5 at Zone A	15	07APR03 A	27APR03 A	07APR03 A	27APR03 A		100
B1-0103AL	Erect Barricade at Zone L	30	11APR03 A	26APR03 A	11APR03 A	26APR03 A		100
B1-0103B3	Erect Signboard, 1nr at SRE Site Office	21	26APR03 A	23MAY03 A	26APR03 A	23MAY03 A		100
B1-0103J5	Maintain W.Washing Facilities, WB5 at Zone A	480	28APR03 A	31MAY04 A	28APR03 A	31MAY04 A		100
B1-0103K5	Remove W.Washing Facilities, WB5 at Zone A	15	29APR03 A	09MAY03 A	29APR03 A	09MAY03 A		100
B1-0107H0	Take over Ex.Cyclist/Pedestrian Bridge@N.RoundA	1	20MAY03 A	20MAY03 A	20MAY03 A	20MAY03 A		100
B1-0107I0	Maintain Ex.Cyclist/Pedestrian Bridge@N.RoundA	320	21MAY03 A	26JUN04 A	21MAY03 A	26JUN04 A		100



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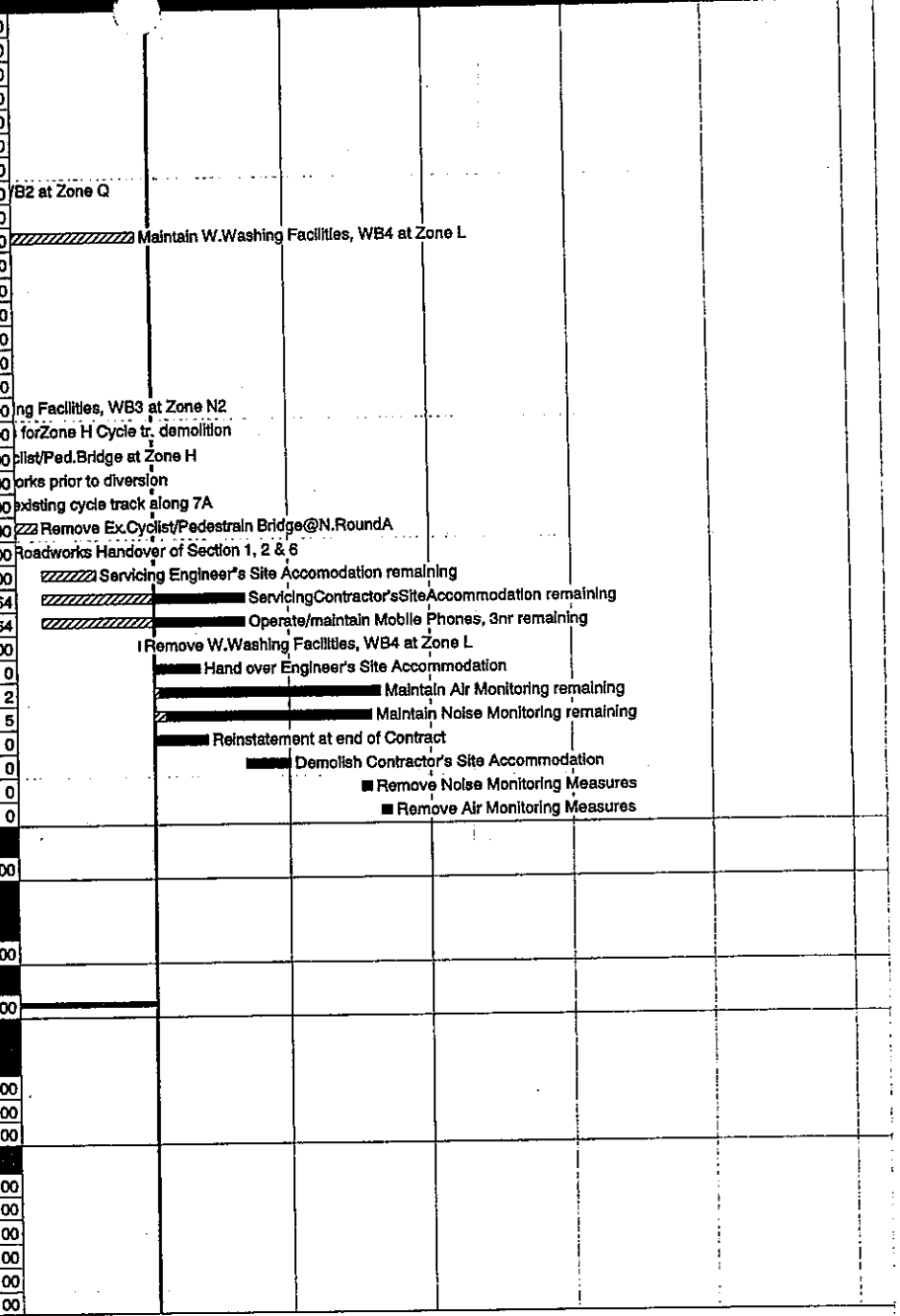
Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
B1-0103AC	Erect Hoarding bet.Culvert C10 & S.P.Phase1 Site	25	26MAY03 A	19JUN03 A	26MAY03 A	19JUN03 A		100
B1-0108B09	Site Clearance- Zone H	6	28MAY03 A	02JUN03 A	28MAY03 A	02JUN03 A		100
B1-0103B2	Erect Signboards, 1nr at Zone Q	21	19JUN03 A	17SEP03 A	19JUN03 A	17SEP03 A		100
B1-0108B10	Site Clearance- Zone S2	3	25JUL03 A	25JUL03 A	25JUL03 A	25JUL03 A		100
B1-0101F6	Provide measures- Traffic flow maint. S16/Zone H	14	26JUL03 A	08AUG03 A	26JUL03 A	08AUG03 A		100
B1-0103I2	Construct W.Washing Facilities, WB2 at Zone Q	15	26JUL03 A	09AUG03 A	26JUL03 A	09AUG03 A		100
B1-0103I4	Construct W.Washing Facilities, WB4 at Zone L	15	29JUL03 A	14AUG03 A	29JUL03 A	14AUG03 A		100
B1-0103J2	Maintain W.Washing Facilities, WB2 at Zone Q	424	10AUG03 A	31MAR04 A	10AUG03 A	31MAR04 A		100
B1-0103K2	Remove W.Washing Facilities, WB2 at Zone Q	15	11AUG03 A	18AUG03 A	11AUG03 A	18AUG03 A		100
B1-0103J4	Maintain W.Washing Facilities, WB4 at Zone L	424	15AUG03 A	22NOV04 A	15AUG03 A	22NOV04 A		100
B1-0108B11	Site Clearance- Zone M	2	26AUG03 A	29SEP03 A	26AUG03 A	29SEP03 A		100
B1-0108B08	Site Clearance- Zone B3	2	10SEP03 A	20NOV03 A	10SEP03 A	20NOV03 A		100
B1-0108B13	Site Clearance- Zone N3	5	15OCT03 A	28NOV03 A	15OCT03 A	28NOV03 A		100
B1-0108B12	Site Clearance- Zone K	3	10DEC03 A	12DEC03 A	10DEC03 A	12DEC03 A		100
B1-0103B1	Erect Signboards, 1nr at Zone A	21	16DEC03 A	25DEC03 A	16DEC03 A	25DEC03 A		100
B1-0107J20	Temporary Cycletract at Zone H	5	02MAR04 A	06MAR04 A	02MAR04 A	06MAR04 A		100
B1-0103K3	Remove W.Washing Facilities, WB3 at Zone N2	15	26MAY04 A	09JUN04 A	26MAY04 A	09JUN04 A		100
B1-0107M10	Preparation Works forZone H Cycle tr. demolition	7	01JUN04 A	07JUN04 A	01JUN04 A	07JUN04 A		100
B1-0107M0	Remove Ex.Cyclist/Ped.Bridge at Zone H	14	08JUN04 A	21JUN04 A	08JUN04 A	21JUN04 A		100
B1-0107J30	Preparation Works prior to diversion	12	11JUN04 A	25JUN04 A	11JUN04 A	25JUN04 A		100
B1-0107J60	Removal of existing cycle track along 7A	10	25JUN04 A	04JUL04 A	25JUN04 A	04JUL04 A		100
B1-0107J0	Remove Ex.Cyclist/Pedestrain Bridge@N.RoundA	45	28JUN04 A	16SEP04 A	28JUN04 A	16SEP04 A		100
B1-0107J50	Roadworks Handover of Section 1, 2 & 6	0	26AUG04 A		26AUG04 A			100
B1-0101B10	Servicing Engineer's Site Accomodation remaining	35	20SEP04 A	24OCT04 A	20SEP04 A	24OCT04 A		100
B1-0101D15	ServicingContractor'sSiteAccommodation remaining	131	20SEP04 A	30JAN05	20SEP04 A	29JAN06	364d	54
B1-0103E12	Operate/maintain Mobile Phones, 3nr remaining	131	20SEP04 A	30JAN05	20SEP04 A	28FEB06	394d	54
B1-0103K4	Remove W.Washing Facilities, WB4 at Zone L	15	22NOV04 A	22NOV04 A	22NOV04 A	22NOV04 A		100
B1-0101C0	Hand over Engineer's Site Accommodation	30	02DEC04	31DEC04	30JAN06	28FEB06	424d	0
B1-0106K10	Maintain Air Monitoring remaining	152	02DEC04 A	29APR05	02DEC04 A	21FEB06	298d	2
B1-0106N10	Maintain Noise Monitoring remaining	150	02DEC04 A	23APR05	02DEC04 A	28FEB06	311d	5
B1-0108Z0	Reinstatement at end of Contract	35	02DEC04	05JAN05	04DEC04	07JAN05	2d	0
B1-0101D6	Demolish Contractor's Site Accommodation	30	31JAN05	01MAR05	30JAN06	28FEB06	364d	0
B1-0106O0	Remove Noise Monitoring Measures	7	17APR05	23APR05	22FEB06	28FEB06	311d	0
B1-0106L0	Remove Air Monitoring Measures	7	30APR05	06MAY05	22FEB06	28FEB06	298d	0
+Part 1.2 Preliminaries - Site Accom. (HY/98/02)								
		179	02JAN03 A	29JUN03 A	02JAN03 A	29JUN03 A		100
+Section 1- Works in Area 1, except LS & EW								
		532	04OCT02 A	26JUL04 A	04OCT02 A	26JUL04 A		100
+Section 2- Works in Area 2, except LS & EW								
		699	08NOV02 A	02DEC04 A	08NOV02 A	02DEC04 A		100
Section 3-Works in Areas3,4+6,except Sec.4+LS&EW								
+Part 2.2 Site Clearance - Section 3								
B2-030000	Site Clearance - Section 3, Areas 3, 4 & 6	75*	02OCT03 A	15DEC03 A	02OCT03 A	15DEC03 A		100
B2-0302A0	Remove disused UPVC duct	60	02OCT03 A	15DEC03 A	02OCT03 A	15DEC03 A		100
B2-0302B0	Remove disused concrete pipe	30	02OCT03 A	15DEC03 A	02OCT03 A	15DEC03 A		100
+Part 3.3 Earthworks - Section 3								
B3-030000	Earthworks - Section 3, Areas 3, 4 & 6	278*	21OCT02 A	02AUG03 A	21OCT02 A	02AUG03 A		100
B3-0309F1	S2, Preloading Mound Formation, ZoneG&J,Phase4Ba	5	21OCT02 A	05NOV02 A	21OCT02 A	05NOV02 A		100
B3-0309F1A	S2, Preloading Mound Formation, ZoneG&J,Phase4Bb	4	05DEC02 A	15JUL03 A	05DEC02 A	15JUL03 A		100
B3-0309F2	S5, Preloading Mound Formation, Zone G, Phase 9A	7	05DEC02 A	31JUL03 A	05DEC02 A	31JUL03 A		100
B3-0309G1	S2, Temp. RE Wall, Zone G, Phase 4B	7	28JAN03 A	15JUL03 A	28JAN03 A	15JUL03 A		100
B3-0308C0	Subsurface Settlement Marker, 2nr	3	27FEB03 A	01MAR03 A	27FEB03 A	01MAR03 A		100



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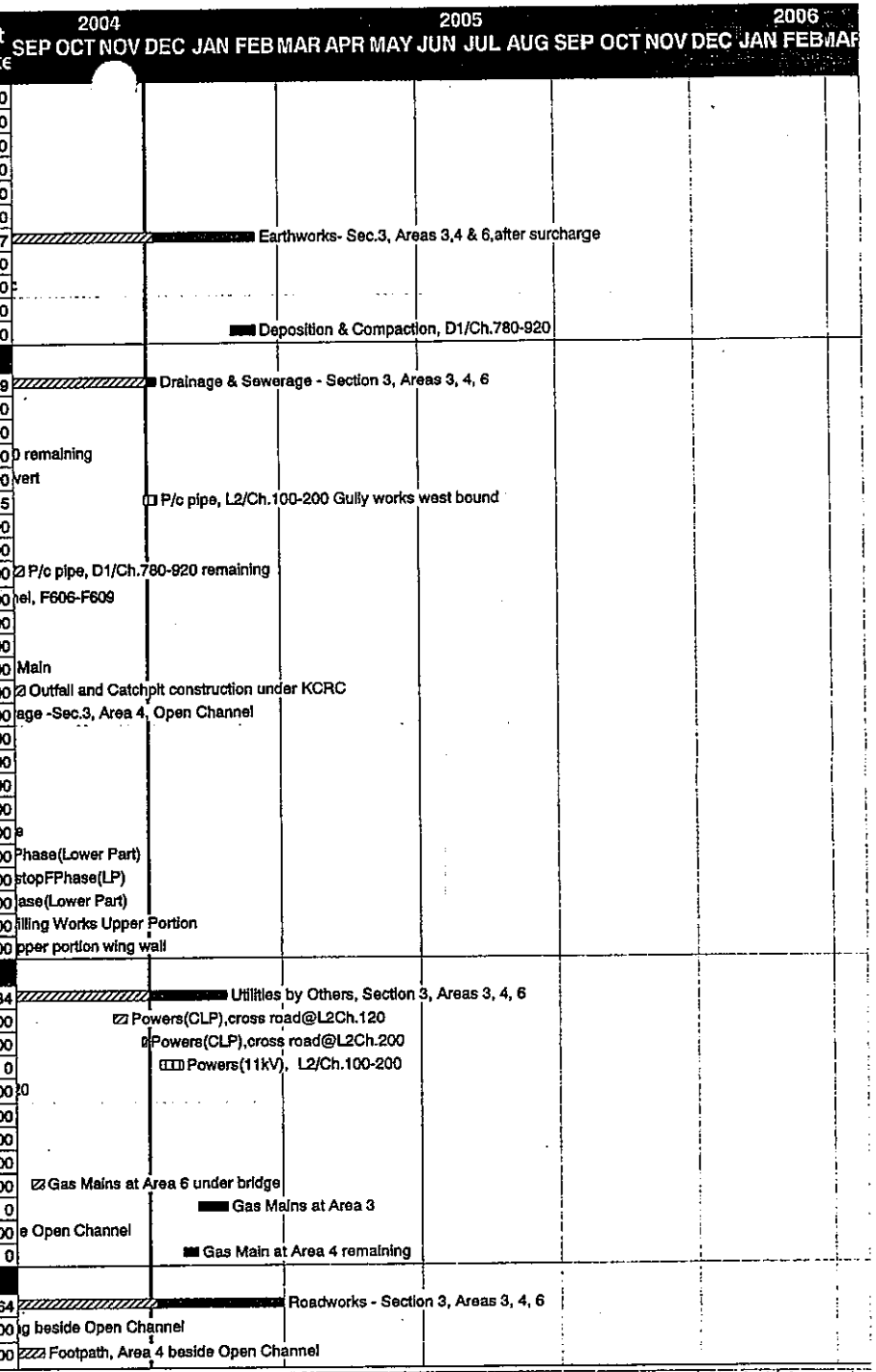
B3-0308D0	Establish rigs for G.I.	2	27FEB03 A	303 A	27FEB03 A	28FEB03 A		100
B3-0308E0	Moving rigs, 2nr	8	01MAR03 A	08MAR03 A	01MAR03 A	08MAR03 A		100
B3-0308F0	Ground Investigation, 2nr	8	01MAR03 A	08MAR03 A	01MAR03 A	08MAR03 A		100
B3-0308A0	Vibrating wire piezometer, 3nr	18	04MAR03 A	21MAR03 A	04MAR03 A	21MAR03 A		100
B3-0308I0	Fieldwork Reports	8	05MAR03 A	12MAR03 A	05MAR03 A	12MAR03 A		100
B3-0308B0	Surface Settlement Marker, 2nr	3	26JUL03 A	02AUG03 A	26JUL03 A	02AUG03 A		100
B3-03000S	Earthworks- Sec.3, Areas 3,4 & 6,after surcharge	502 *	16SEP03 A	13FEB05	16SEP03 A	18FEB05	5d	87
B3-0309I5	S2, Temp.REWall&Mound	7	16SEP03 A	26SEP03 A	16SEP03 A	26SEP03 A		100
B3-0309I1	S2,Temp.REWall & Mound Removal,	9	03NOV03 A	10DEC03 A	03NOV03 A	10DEC03 A		100
B3-0309I2	S5, Mound Removal, ZoneG, Phase 9A	7	20DEC03 A	23DEC03 A	20DEC03 A	23DEC03 A		100
B3-0308M2	Deposition & Compaction, D1/Ch.780-920	10	28JAN05	13FEB05	02FEB05	18FEB05	5d	0
Part 4.3 Drainage & Sewerage - Section 3								
B4-030001	Drainage & Sewerage - Section 3, Areas 3, 4, 6	457 *	01SEP03 A	08DEC04	01SEP03 A	08DEC04	0	99
B4-0317C1	Clay pipe, L2/Ch.100-200	45	01SEP03 A	23DEC03 A	01SEP03 A	23DEC03 A		100
B4-0317D1	P/c pipe, L2/Ch.100-200 (1st Phase)	20	23DEC03 A	11JAN04 A	23DEC03 A	11JAN04 A		100
B4-0317D21	P/c pipe, L2/Ch.100-200 remaining	20	04FEB04 A	15MAY04 A	04FEB04 A	15MAY04 A		100
B4-0317D11	P/c pipe, S304 connecting to 5 Cell Culvert	23	11FEB04 A	03MAR04 A	11FEB04 A	03MAR04 A		100
B4-0317D31	P/c pipe, L2/Ch.100-200 Gully works west bound	7	30NOV04 A	08DEC04	30NOV04 A	08DEC04	0	5
B4-0317C2	Clay pipe, D1/Ch.780-820	35	01SEP03 A	23DEC03 A	01SEP03 A	23DEC03 A		100
B4-0317D2	P/c pipe, D1/Ch.780-920	25	16FEB04 A	19FEB04 A	16FEB04 A	19FEB04 A		100
B4-0317D12	P/c pipe, D1/Ch.780-920 remaining	14	01SEP04 A	09SEP04 A	01SEP04 A	09SEP04 A		100
B4-0317C4	Clay pipe, at Open Channel, F606-F609	70	27OCT03 A	06MAY04 A	27OCT03 A	06MAY04 A		100
B4-0317C3	Clay pipe, F603-F606	50	28NOV03 A	08MAR04 A	28NOV03 A	08MAR04 A		100
B4-0317C12	Clay Pipe,F602-F603	52	19DEC03 A	21FEB04 A	19DEC03 A	21FEB04 A		100
B4-0317D22	Sewer Rising Main	28	23JUN04 A	29JUN04 A	23JUN04 A	29JUN04 A		100
B4-0317D32	Outfall and Catchpit construction under KCRC	59	12JUL04 A	09SEP04 A	12JUL04 A	09SEP04 A		100
B4-030000	Drainage & Sewerage -Sec.3, Area 4, Open Channel	320 *	17JUL03 A	08JUN04 A	17JUL03 A	08JUN04 A		100
B4-0321C0	Open Channel- Excavation Half Phase	40	17JUL03 A	22AUG03 A	17JUL03 A	22AUG03 A		100
B4-0323B0	Open Channel - Formworks Half Phase	40	19AUG03 A	08SEP03 A	19AUG03 A	08SEP03 A		100
B4-0324C0	OpenChannel-Jointfiller/sealant,waterstopHPhase	40	15SEP03 A	15SEP03 A	15SEP03 A	15SEP03 A		100
B4-0324A0	Open Channel - Concrete Half Phase	40	12NOV03 A	12NOV03 A	12NOV03 A	12NOV03 A		100
B4-0321C10	Open Channel - Excavation Full Phase	35	01MAR04 A	10MAR04 A	01MAR04 A	10MAR04 A		100
B4-0323B10	Open Channel - Formworks Full Phase(Lower Part)	35	05MAR04 A	31MAR04 A	05MAR04 A	31MAR04 A		100
B4-0324C10	OpenChan.-Jt.filler/sealant,waterstopFPhase(LP)	35	06MAR04 A	31MAR04 A	06MAR04 A	31MAR04 A		100
B4-0324A10	Open Channel - Concrete Full Phase(Lower Part)	35	08MAR04 A	31MAR04 A	08MAR04 A	31MAR04 A		100
B4-0324A20	Open Channel - Backfilling Works Upper Portion	10	03MAY04 A	21MAY04 A	03MAY04 A	21MAY04 A		100
B4-0324A30	Open Channel - Upper portion wing wall	25	22MAY04 A	08JUN04 A	22MAY04 A	08JUN04 A		100
Section 3 Utilities								
UT-030000	Utilities by Others, Section 3, Areas 3, 4, 6	328 *	01MAR04 A	22JAN05	01MAR04 A	29JAN05	7d	84
UT-0300P11	Powers(CLP),cross road@L2Ch.120	9	08NOV04 A	16NOV04 A	08NOV04 A	16NOV04 A		100
UT-0300P21	Powers(CLP),cross road@L2Ch.200	3	27NOV04 A	29NOV04 A	27NOV04 A	29NOV04 A		100
UT-0300P1	Powers(11kV), L2/Ch.100-200	15	09DEC04	23DEC04	09DEC04	23DEC04	0	0
UT-0300P2	Powers(132kV & 11kV), D1/Ch.780-920	28	01MAR04 A	08MAR04 A	01MAR04 A	08MAR04 A		100
UT-0300T2A	PCCW, D1/Ch.780-920	25	08MAR04 A	09MAR04 A	08MAR04 A	09MAR04 A		100
UT-0300T2B	HGC - New World, D1/Ch.780-920	35	08MAR04 A	09MAR04 A	08MAR04 A	09MAR04 A		100
UT-0300G2	Gas Mains, D1/Ch.780-920	28	10MAR04 A	11MAR04 A	10MAR04 A	11MAR04 A		100
UT-0300T1D	Gas Mains at Area 6 under bridge	15	13SEP04 A	20SEP04 A	13SEP04 A	20SEP04 A		100
UT-0300G4	Gas Mains at Area 3	20	03JAN05	22JAN05	10JAN05	29JAN05	7d	0
UT-0300G4B	Gas Main at Area 4 beside Open Channel	35	03MAY04 A	06MAY04 A	03MAY04 A	06MAY04 A		100
UT-0300G4C	Gas Main at Area 4 remaining	10	24DEC04	02JAN05	26DEC04	04JAN05	2d	0
Part 5.3 Roadworks - Section 3								
B5-030000	Roadworks - Section 3, Areas 3, 4, 6	228 *	09JUL04 A	28FEB05	09JUL04 A	28FEB05	0	64
B5-0325C43	Railing beside Open Channel	29	09JUL04 A	07AUG04 A	09JUL04 A	07AUG04 A		100
B5-0325C13	Footpath, Area 4 beside Open Channel	30	09AUG04 A	20SEP04 A	09AUG04 A	20SEP04 A		100



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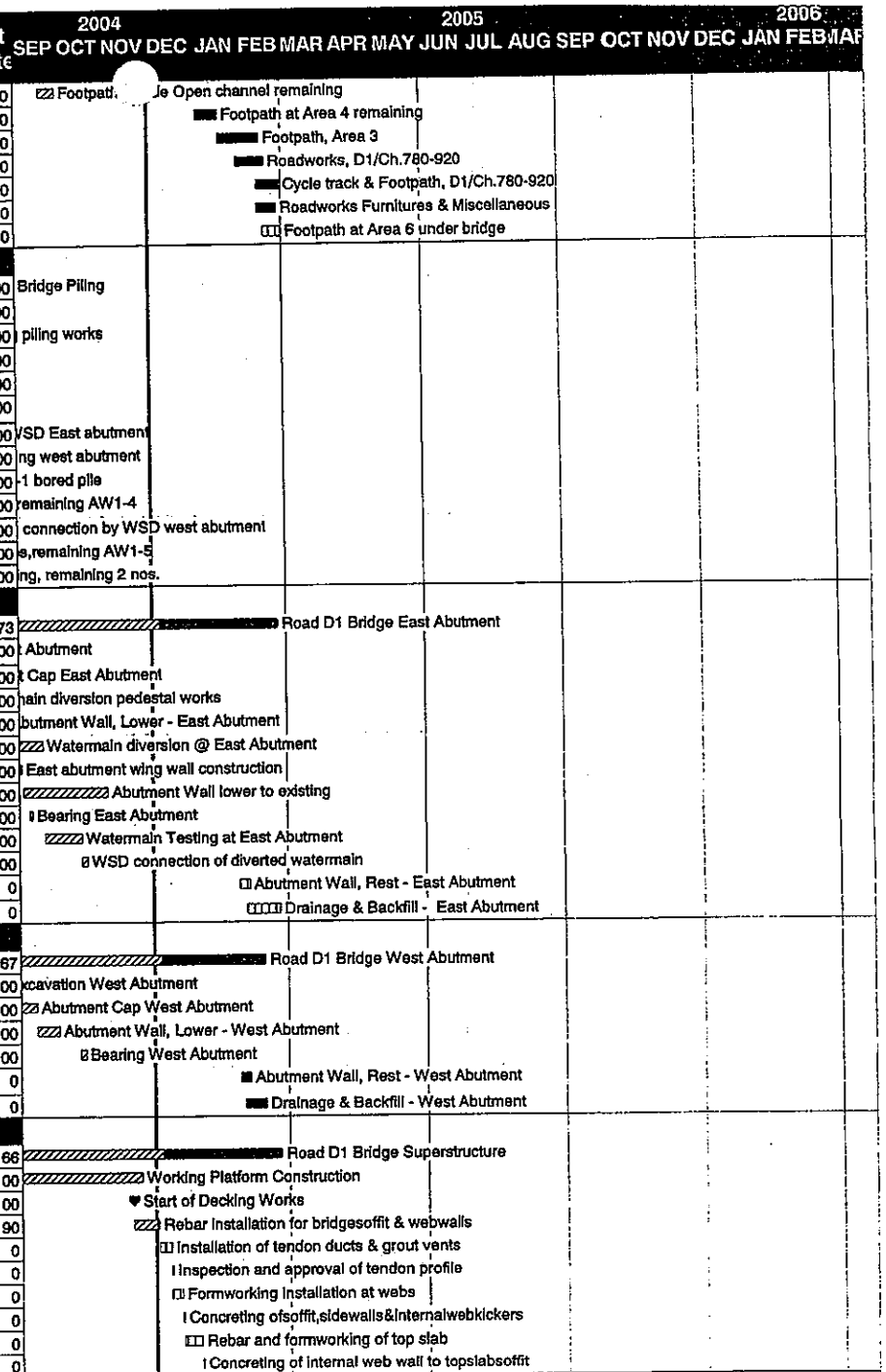
B5-0325C53	Footpath beside Open channel remaining	22	20SEP04 A	30S... 04 A	20SEP04 A	30SEP04 A		100
B5-0325C33	Footpath at Area 4 remaining	15	03JAN05	17JAN05	05JAN05	19JAN05	2d	0
B5-0325C3	Footpath, Area 3	21	18JAN05	14FEB05	20JAN05	16FEB05	2d	0
B5-0325C2	Roadworks, D1/Ch.780-920	12	30JAN05	17FEB05	04FEB05	22FEB05	5d	0
B5-0326A2	Cycle track & Footpath, D1/Ch.780-920	15	13FEB05	27FEB05	16FEB05	02MAR05	3d	0
B5-0328C0	Roadworks Furnitures & Miscellaneous	13	13FEB05	25FEB05	16FEB05	28FEB05	3d	0
B5-0325C23	Footpath at Area 6 under bridge	12	17FEB05	28FEB05	17FEB05	28FEB05	0	0
Part 7.1 - Piling								
B7-030000	Road D1 Bridge Piling	549 *	03JAN03 A	20JUL04 A	03JAN03 A	20JUL04 A		100
B7-031010	Ground Investigation, 20 nos.	40	03JAN03 A	24JUN03 A	03JAN03 A	24JUN03 A		100
B7-031030	Drainage Diversion affecting piling works	4	26JUN03 A	24APR04 A	26JUN03 A	24APR04 A		100
B7-031040	Prepar.&Watermain laying affecting piling works	75	28AUG03 A	17JAN04 A	28AUG03 A	17JAN04 A		100
B7-031020	Install Bored Piles, 2300dia, 10nr	110	21OCT03 A	10MAR04 A	21OCT03 A	10MAR04 A		100
B7-031025	Pile Testing	90	17JAN04 A	13APR04 A	17JAN04 A	13APR04 A		100
B7-031050	Watermain Connection by WSD East abutment	30	09FEB04 A	24APR04 A	09FEB04 A	24APR04 A		100
B7-031070	Watermain diversion affecting west abutment	15	24APR04 A	28APR04 A	24APR04 A	28APR04 A		100
B7-031035	Remedial works on AE1-1 bored pile	15	27APR04 A	11MAY04 A	27APR04 A	11MAY04 A		100
B7-031045	Install Bored Piles, remaining AW1-4	20	29APR04 A	02JUN04 A	29APR04 A	02JUN04 A		100
B7-031060	Watermain connection by WSD west abutment	32	26MAY04 A	12JUL04 A	26MAY04 A	12JUL04 A		100
B7-031065	Install Bored Piles,remaining AW1-5	20	03JUN04 A	15JUN04 A	03JUN04 A	15JUN04 A		100
B7-031055	Pile Testing, remaining 2 nos.	19	23JUN04 A	20JUL04 A	23JUN04 A	20JUL04 A		100
Part 7.2 - Substructure - East Abutment								
B7-032000	Road D1 Bridge East Abutment	281 *	12MAY04 A	23FEB05	12MAY04 A	23FEB05	0	73
B7-032010	Excavation East Abutment	27	12MAY04 A	19JUN04 A	12MAY04 A	19JUN04 A		100
B7-032030	Abutment Cap East Abutment	25	17JUN04 A	20JUL04 A	17JUN04 A	20JUL04 A		100
B7-032090	Watermain diversion pedestal works	9	21JUL04 A	29JUL04 A	21JUL04 A	29JUL04 A		100
B7-032040	Abutment Wall, Lower - East Abutment	21	30JUL04 A	25AUG04 A	30JUL04 A	25AUG04 A		100
B7-032080	Watermain diversion @ East Abutment	7	28AUG04 A	18SEP04 A	28AUG04 A	18SEP04 A		100
B7-032100	East abutment wing wall construction	5	04SEP04 A	04SEP04 A	04SEP04 A	04SEP04 A		100
B7-032120	Abutment Wall lower to existing	24	06SEP04 A	01NOV04 A	06SEP04 A	01NOV04 A		100
B7-032070	Bearing East Abutment	7	10SEP04 A	11SEP04 A	10SEP04 A	11SEP04 A		100
B7-032130	Watermain Testing at East Abutment	15	20SEP04 A	14OCT04 A	20SEP04 A	14OCT04 A		100
B7-032110	WSD connection of diverted watermain	15	15OCT04 A	18OCT04 A	15OCT04 A	18OCT04 A		100
B7-032050	Abutment Wall, Rest - East Abutment	7	28JAN05	03FEB05	28JAN05	03FEB05	0	0
B7-032060	Drainage & Backfill - East Abutment	15	02FEB05	23FEB05	02FEB05	23FEB05	0	0
Part 7.3 - Substructure - West Abutment								
B7-033000	Road D1 Bridge West Abutment	201 *	21JUL04 A	13FEB05	21JUL04 A	18FEB05	5d	67
B7-033010	Excavation West Abutment	27	21JUL04 A	23AUG04 A	21JUL04 A	23AUG04 A		100
B7-033030	Abutment Cap West Abutment	25	24AUG04 A	13SEP04 A	24AUG04 A	13SEP04 A		100
B7-033040	Abutment Wall, Lower - West Abutment	18	14SEP04 A	28SEP04 A	14SEP04 A	28SEP04 A		100
B7-033070	Bearing West Abutment	7	13OCT04 A	16OCT04 A	13OCT04 A	16OCT04 A		100
B7-033050	Abutment Wall, Rest - West Abutment	7	28JAN05	03FEB05	02FEB05	15FEB05	5d	0
B7-033060	Drainage & Backfill - West Abutment	7	31JAN05	13FEB05	05FEB05	18FEB05	5d	0
Part 7.4 - Superstructure								
B7-034000	Road D1 Bridge Superstructure	229 *	03JUL04 A	23FEB05	03JUL04 A	23FEB05	0	66
B7-034040	Working Platform Construction	24	03JUL04 A	22NOV04 A	03JUL04 A	22NOV04 A		100
B7-034010	Start of Decking Works	0	17NOV04 A		17NOV04 A			100
B7-034050	Rebar installation for bridgesoffit & webwalls	20	17NOV04 A	03DEC04	17NOV04 A	03DEC04	0	90
B7-034060	Installation of tendon ducts & grout vents	8	04DEC04	11DEC04	04DEC04	11DEC04	0	0
B7-034070	Inspection and approval of tendon profile	1	12DEC04	12DEC04	12DEC04	12DEC04	0	0
B7-034180	Formworking installation at webs	7	12DEC04	18DEC04	12DEC04	18DEC04	0	0
B7-034090	Concreting ofsoffit,sidewalls&internalwebkickers	1	19DEC04	19DEC04	19DEC04	19DEC04	0	0
B7-034100	Rebar and formworking of top slab	12	20DEC04	31DEC04	20DEC04	31DEC04	0	0
B7-034110	Concreting of internal web wall to topslabsoffit	1	01JAN05	01JAN05	01JAN05	01JAN05	0	0



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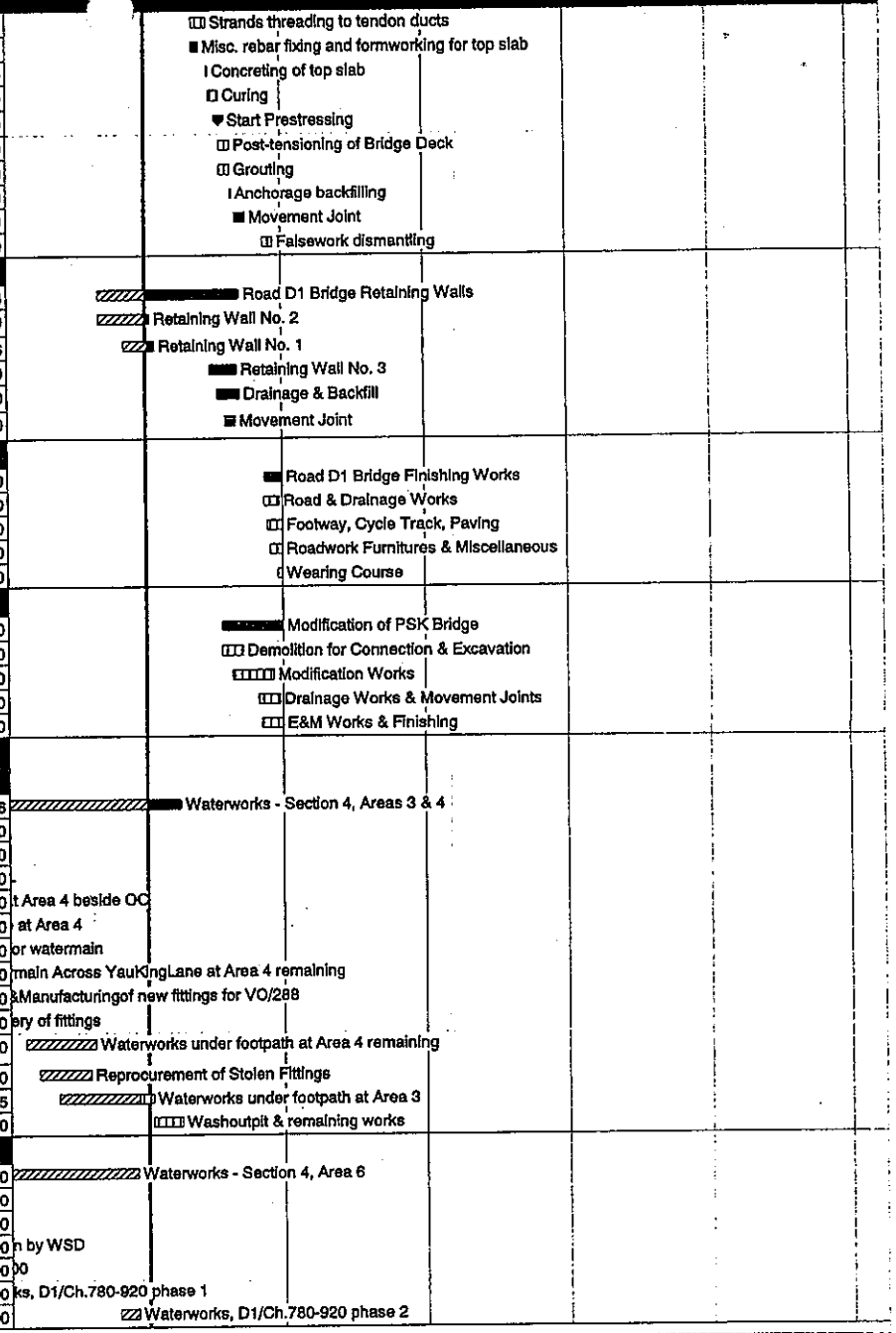
Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
B7-034080	Strands threading to tendon ducts	10	02JAN05	[illegible]05	02JAN05	11JAN05	0	0
B7-034120	Misc. rebar fixing and formworking for top slab	5	02JAN05	06JAN05	07JAN05	11JAN05	5d	0
B7-034130	Concreting of top slab	1	12JAN05	12JAN05	12JAN05	12JAN05	0	0
B7-034140	Curing	7	13JAN05	19JAN05	13JAN05	19JAN05	0	0
B7-034020	Start Prestressing	0	20JAN05		20JAN05		0	0
B7-034150	Post-tensioning of Bridge Deck	7	20JAN05	26JAN05	20JAN05	26JAN05	0	0
B7-034160	Grouting	7	20JAN05	26JAN05	20JAN05	26JAN05	0	0
B7-034170	Anchorage backfilling	1	27JAN05	27JAN05	27JAN05	27JAN05	0	0
B7-034030	Movement Joint	7	30JAN05	05FEB05	05FEB05	18FEB05	6d	0
B7-034190	Falsework dismantling	7	17FEB05	23FEB05	17FEB05	23FEB05	0	0
Part 6- Retaining Walls								
B7-035000	Road D1 Bridge Retaining Walls	92*	02NOV04 A	01FEB05	02NOV04 A	16FEB05	8d	33
B7-035030	Retaining Wall No. 2	25	02NOV04 A	04DEC04	02NOV04 A	12JAN05	39d	89
B7-035020	Retaining Wall No. 1	25	18NOV04 A	07DEC04	18NOV04 A	20JAN05	44d	76
B7-035040	Retaining Wall No. 3	18	13JAN05	30JAN05	21JAN05	14FEB05	8d	0
B7-035050	Drainage & Backfill	15	18JAN05	01FEB05	26JAN05	16FEB05	8d	0
B7-035060	Movement Joint	7	23JAN05	29JAN05	01FEB05	14FEB05	9d	0
Part 7- Finishing Works								
B7-036000	Road D1 Bridge Finishing Works	12*	17FEB05	28FEB05	17FEB05	28FEB05	0	0
B7-036030	Road & Drainage Works	10	17FEB05	26FEB05	17FEB05	26FEB05	0	0
B7-036050	Footway, Cycle Track, Paving	10	19FEB05	28FEB05	19FEB05	28FEB05	0	0
B7-036060	Roadwork Furnitures & Miscellaneous	8	21FEB05	28FEB05	21FEB05	28FEB05	0	0
B7-036040	Wearing Course	3	26FEB05	28FEB05	26FEB05	28FEB05	0	0
Part 77- Modification of Pak Shek Kok Bridge								
B7-037000	Modification of PSK Bridge	33*	20JAN05	28FEB05	20JAN05	28FEB05	0	0
B7-037020	Demolition for Connection & Excavation	14	20JAN05	02FEB05	20JAN05	02FEB05	0	0
B7-037030	Modification Works	20	27JAN05	22FEB05	27JAN05	22FEB05	0	0
B7-037040	Drainage Works & Movement Joints	14	13FEB05	26FEB05	13FEB05	26FEB05	0	0
B7-037050	E&M Works & Finishing	14	15FEB05	28FEB05	15FEB05	28FEB05	0	0
Section 4- Waterworks in Areas 3, 4, & 6								
Part 63- Waterworks - Section 4 Area 3								
B6-040000	Waterworks - Section 4, Areas 3 & 4	563*	02JUN03 A	23DEC04	02JUN03 A	23DEC04	0	96
B6-0424A0	Trial Pits	14	02JUN03 A	20JUN03 A	02JUN03 A	20JUN03 A		100
B6-0425H0	WatermainsAcrossYauKingLane@Area4 chamber	25	25SEP03 A	02DEC03 A	25SEP03 A	02DEC03 A		100
B6-0425H20	Preparation works for pipe laying across YKL	62	03DEC03 A	08FEB04 A	03DEC03 A	08FEB04 A		100
B6-0424C4	Waterworks, under footpath at Area 4 beside OC	35	07APR04 A	17APR04 A	07APR04 A	17APR04 A		100
B6-0424C5	Hyder's redesign phase at Area 4	30	18APR04 A	15MAY04 A	18APR04 A	15MAY04 A		100
B6-0424C6	Preparation works for watermain	10	18MAY04 A	02JUN04 A	18MAY04 A	02JUN04 A		100
B6-0425H10	Watermain Across YauKingLane at Area 4 remaining	5	03JUN04 A	04AUG04 A	03JUN04 A	04AUG04 A		100
B6-0425H30	Procure.&Manufacturingof new fittings for VO/288	48	03JUN04 A	20JUL04 A	03JUN04 A	20JUL04 A		100
B6-0424C17	Delivery of fittings	55	21JUL04 A	07AUG04 A	21JUL04 A	07AUG04 A		100
B6-0424C7	Waterworks under footpath at Area 4 remaining	25	13SEP04 A	28OCT04 A	13SEP04 A	28OCT04 A		100
B6-0424C13	Reprocurement of Stolen Fittings	30	22SEP04 A	25OCT04 A	22SEP04 A	25OCT04 A		100
B6-0424C3	Waterworks under footpath at Area 3	20	05OCT04 A	04DEC04	05OCT04 A	04DEC04	0	85
B6-0424C23	Washoutpit & remaining works	19	05DEC04	23DEC04	05DEC04	23DEC04	0	0
Part 64- Waterworks - Section 4 Area 6								
B6-040060	Waterworks - Section 4, Area 6	497*	09JUL03 A	24NOV04 A	09JUL03 A	24NOV04 A		100
B6-041000	Trial Pits	14	09JUL03 A	12JUL03 A	09JUL03 A	12JUL03 A		100
B6-0417C12	Replace Existing Watermain, D1/Ch.870-920	25	03NOV03 A	15JAN04 A	03NOV03 A	15JAN04 A		100
B6-0417C22	Realigned Existing Watermain Connection by WSD	32	03FEB04 A	23FEB04 A	03FEB04 A	23FEB04 A		100
B6-0417C1	Waterworks, L2/Ch.100-200	26	05MAR04 A	02MAY04 A	05MAR04 A	02MAY04 A		100
B6-0417C2	Waterworks, D1/Ch.780-920 phase 1	28	06MAY04 A	17JUL04 A	06MAY04 A	17JUL04 A		100
B6-0417C32	Waterworks, D1/Ch.780-920 phase 2	7	13NOV04 A	24NOV04 A	13NOV04 A	24NOV04 A		100



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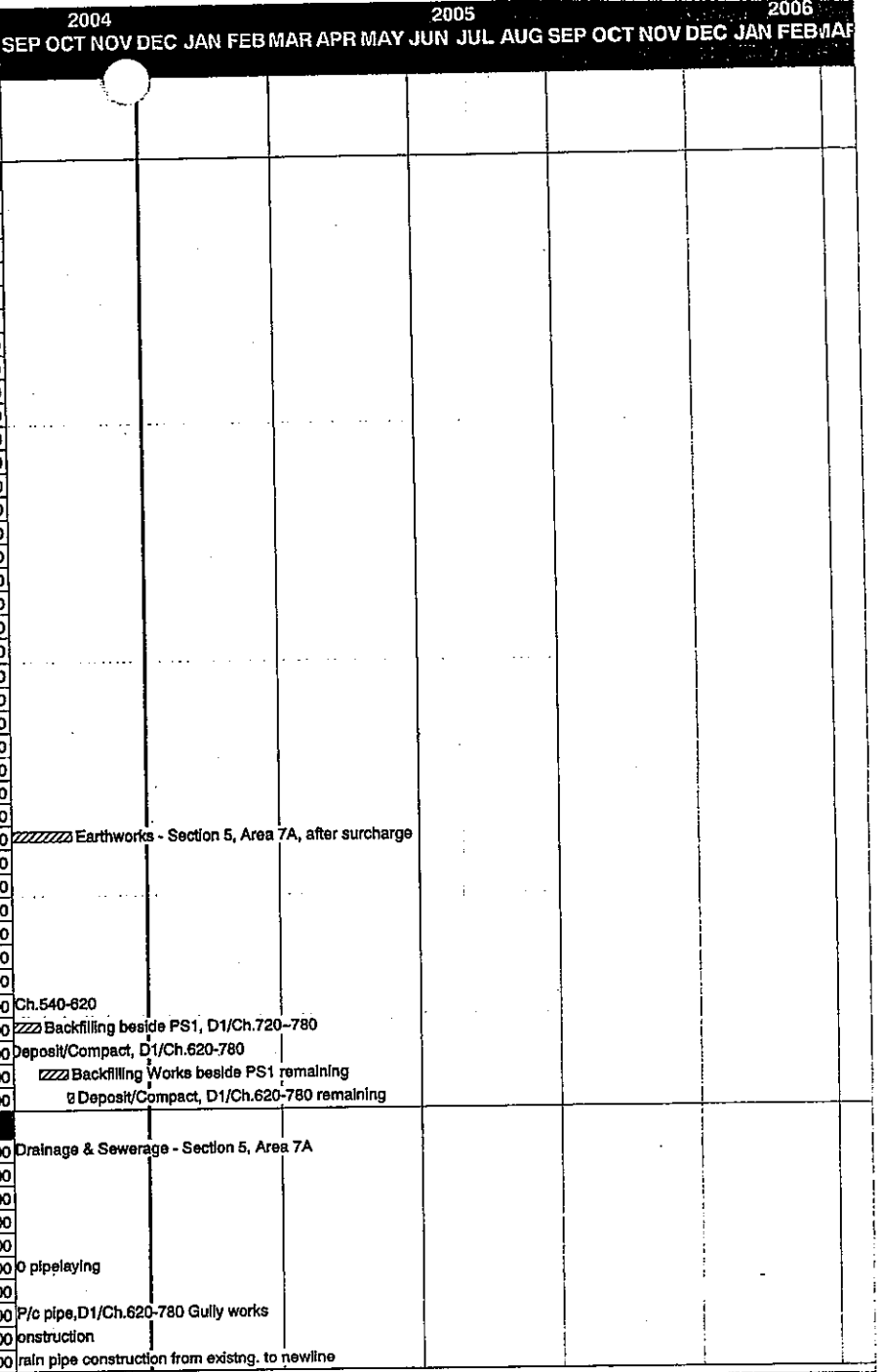
Section 5-Work in Area 7A,except PumpStn.1,LS&EW								
Part 2:Site Clearance - Section 5								
B2-0503A0	Remove disused duct	40	04MAR04 A	25MAR04 A	04MAR04 A	25MAR04 A		100
Part 3:Earthworks - Section 5								
B3-050000	Earthworks - Section 5, Area 7A	271 *	10OCT02 A	15JUL03 A	10OCT02 A	15JUL03 A		100
B3-0512F2	S2, Preloading Mound Formation, Zone C, Phase 2A	12	10OCT02 A	27JAN03 A	10OCT02 A	27JAN03 A		100
B3-0512F3	S2, Preloading Mound Formation, Zone C, Phase 3A	24	11OCT02 A	27JAN03 A	11OCT02 A	27JAN03 A		100
B3-0512F4	S2, Preloading Mound Formation, ZoneJ+G,Phase 4A	8	18OCT02 A	26NOV02 A	18OCT02 A	26NOV02 A		100
B3-0512F5	S2, Preloading Mound Formation, Zone C, Phase 5	30	20OCT02 A	28NOV02 A	20OCT02 A	28NOV02 A		100
B3-0511A4	Vibrating wire pizometer, No. 2P4	6	24OCT02 A	05NOV02 A	24OCT02 A	05NOV02 A		100
B3-0511C4	Subsurface Settlement Marker, No. 2M4	3	07NOV02 A	08NOV02 A	07NOV02 A	08NOV02 A		100
B3-0511D0	Establish rigs for G.I.	3	12NOV02 A	13NOV02 A	12NOV02 A	13NOV02 A		100
B3-0511E0	Moving rigs, 9 nr.	13	14NOV02 A	03DEC02 A	14NOV02 A	03DEC02 A		100
B3-0511G1	Ground Investigation, S2-07	5	14NOV02 A	18NOV02 A	14NOV02 A	18NOV02 A		100
B3-0511G3	Ground Investigation, S2-09	5	16NOV02 A	26NOV02 A	16NOV02 A	26NOV02 A		100
B3-0511G4	Ground Investigation, S2-10	5	18NOV02 A	26NOV02 A	18NOV02 A	26NOV02 A		100
B3-0511G2	Ground Investigation, S2-08	5	19NOV02 A	26NOV02 A	19NOV02 A	26NOV02 A		100
B3-0511I0	Fieldwork Reports	16	19NOV02 A	06DEC02 A	19NOV02 A	06DEC02 A		100
B3-0511G6	Ground Investigation, S2-12	5	20NOV02 A	26NOV02 A	20NOV02 A	26NOV02 A		100
B3-0511G9	Ground Investigation, S2-15	5	23NOV02 A	02DEC02 A	23NOV02 A	02DEC02 A		100
B3-0511B3	Surface Settlement Marker, No. 2M3	3	26NOV02 A	28NOV02 A	26NOV02 A	28NOV02 A		100
B3-0511B4	Surface Settlement Marker, No. 2M4	3	26NOV02 A	28NOV02 A	26NOV02 A	28NOV02 A		100
B3-0511C3	Subsurface Settlement Marker, No. 2M3	3	26NOV02 A	12NOV02 A	26NOV02 A	12NOV02 A		100
B3-0511G7	Ground Investigation, S2-13	5	27NOV02 A	02DEC02 A	27NOV02 A	02DEC02 A		100
B3-0511G5	Ground Investigation, S2-11	5	29NOV02 A	05DEC02 A	29NOV02 A	05DEC02 A		100
B3-0511G8	Ground Investigation, S2-14	5	05DEC02 A	05DEC02 A	05DEC02 A	05DEC02 A		100
B3-0512H3	S2, Preloading Mound Formation, Zone F, Phase 3B	8	09DEC02 A	15JUL03 A	09DEC02 A	15JUL03 A		100
B3-0512H2	S2, Preloading Mound Formation, Zone F, Phase 2B	7	16DEC02 A	27FEB03 A	16DEC02 A	27FEB03 A		100
B3-0512G2	S2, Temp. RE Wall, Zone F, Phase 2	5	09JAN03 A	26FEB03 A	09JAN03 A	26FEB03 A		100
B3-0512G4	S2, Temp. RE Wall, Zone G, Phase 3	4	10JAN03 A	15JUL03 A	10JAN03 A	15JUL03 A		100
B3-0512G3	S2, Temp. RE Wall, Zone F, Phase 3	11	17JAN03 A	15JUL03 A	17JAN03 A	15JUL03 A		100
B3-05000S	Earthworks - Section 5, Area 7A, after surcharge	411 *	21AUG03 A	12OCT04 A	21AUG03 A	12OCT04 A		100
B3-0512I5	S2, Preloading Mound Removal, Zone C, Phase 5	30	21AUG03 A	26NOV03 A	21AUG03 A	26NOV03 A		100
B3-0512I4	S2, Preloading Mound Removal, ZoneJ+G, Phase 4A	9	05SEP03 A	11SEP03 A	05SEP03 A	11SEP03 A		100
B3-0512I2	S2, Preloading Mound Removal, Zone F, Phase 2A	17	11SEP03 A	02OCT03 A	11SEP03 A	02OCT03 A		100
B3-0512J2	S2,Temp.REWall & Mound Removal, Zone C, Phase	7	11SEP03 A	05OCT03 A	11SEP03 A	05OCT03 A		100
B3-0512I3	S2, Preloading Mound Removal, Zone C, Phase 3A	24	12SEP03 A	25NOV03 A	12SEP03 A	25NOV03 A		100
B3-0512J3	S2,Temp.REWall & Mound Removal, Zone C, Phase	8	05NOV03 A	17NOV03 A	05NOV03 A	17NOV03 A		100
B3-0511L1	Excavate, D1/Ch.540-620	15	26MAY04 A	28JUN04 A	26MAY04 A	28JUN04 A		100
B3-0511L12	Backfilling beside PS1, D1/Ch.720-780	25	07AUG04 A	20SEP04 A	07AUG04 A	20SEP04 A		100
B3-0511L2	Deposit/Compact, D1/Ch.620-780	10	26AUG04 A	28AUG04 A	26AUG04 A	28AUG04 A		100
B3-0511L32	Backfilling Works beside PS1 remaining	18	20SEP04 A	08OCT04 A	20SEP04 A	08OCT04 A		100
B3-0511L22	Deposit/Compact, D1/Ch.620-780 remaining	10	09OCT04 A	12OCT04 A	09OCT04 A	12OCT04 A		100
Part 4:Drainage & Sewerage - Section 5								
B4-050000	Drainage & Sewerage - Section 5, Area 7A	276 *	22NOV03 A	31AUG04 A	22NOV03 A	31AUG04 A		100
B4-0530A2	Clay pipe, D1/Ch.620-780 preliminary excavation	3	22NOV03 A	24NOV03 A	22NOV03 A	24NOV03 A		100
B4-0530A12	Clay pipe,D1/Ch.620-780 remaining	35	16FEB04 A	08MAR04 A	16FEB04 A	08MAR04 A		100
B4-0530A1	Clay pipe, D1/Ch.540-620	45	18FEB04 A	17MAR04 A	18FEB04 A	17MAR04 A		100
B4-0528F3	P/c pipe, At PS1	30	05MAR04 A	02APR04 A	05MAR04 A	02APR04 A		100
B4-0528F2	P/c pipe, D1/Ch.620-780 pipelaying	45	09MAR04 A	15MAY04 A	09MAR04 A	15MAY04 A		100
B4-0528F1	P/c pipe, D1/Ch.540-620	45	19MAR04 A	06APR04 A	19MAR04 A	06APR04 A		100
B4-0528F11	P/c pipe,D1/Ch.620-780 Gully works	15	26MAY04 A	31AUG04 A	26MAY04 A	31AUG04 A		100
B4-0528F21	Catchpit construction	12	05JUL04 A	16JUL04 A	05JUL04 A	16JUL04 A		100
B4-0528F31	Drain pipe construction from existng. to newline	18	17JUL04 A	24AUG04 A	17JUL04 A	24AUG04 A		100



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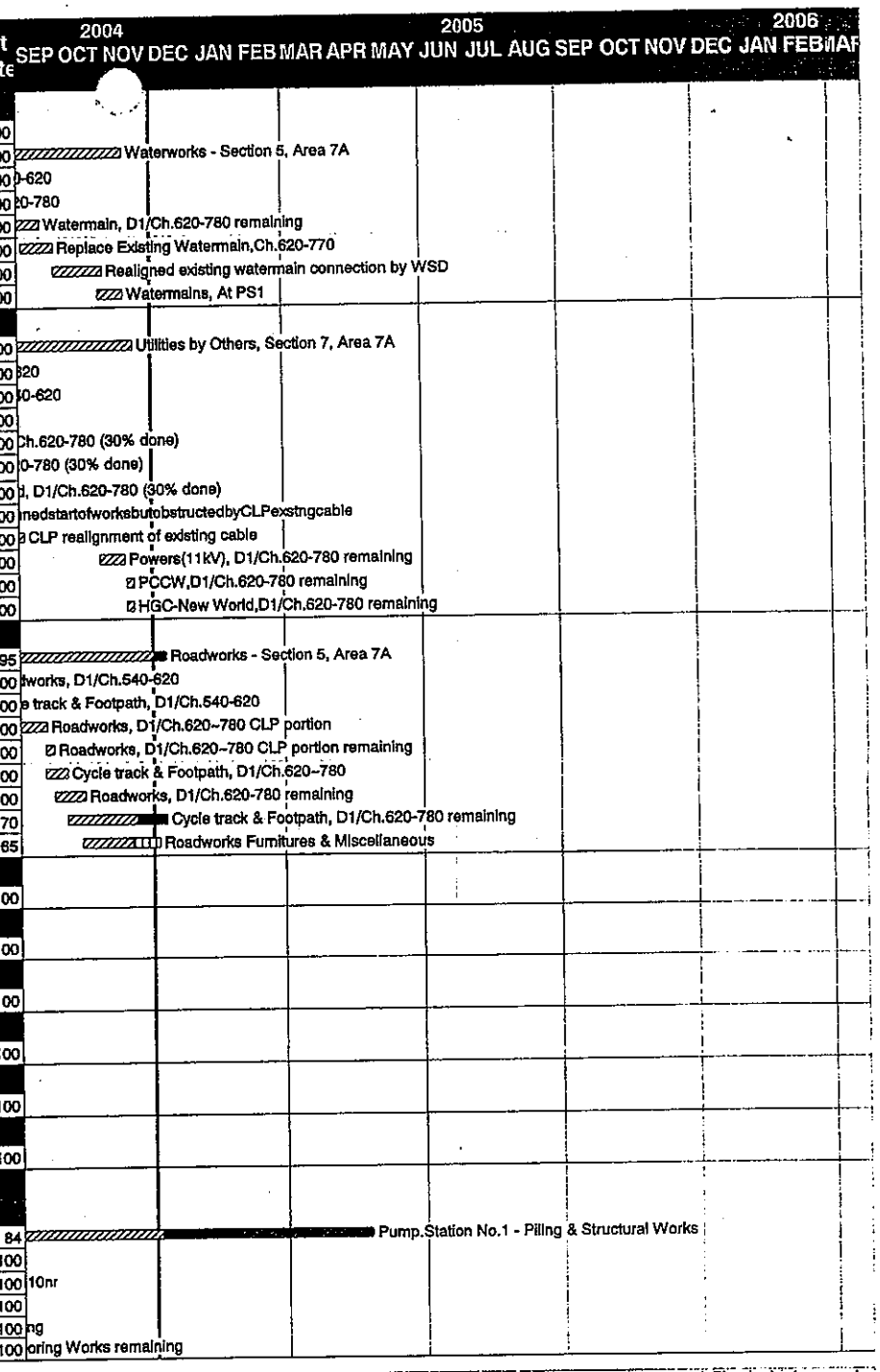
Part 6.5 Waterworks - Section 5								
B6-0501A0	Trial Pits	14	24APR04 A	24APR04 A	24APR04 A	24APR04 A		100
B6-050000	Waterworks - Section 5, Area 7A	202 *	26APR04 A	13NOV04 A	26APR04 A	13NOV04 A		100
B6-0503A1	Watermains, D1/Ch.540-620	30	26APR04 A	15MAY04 A	26APR04 A	15MAY04 A		100
B6-0503A2	Watermains, D1/Ch.620-780	10	16MAY04 A	20MAY04 A	16MAY04 A	20MAY04 A		100
B6-0503A15	Watermain, D1/Ch.620-780 remaining	15	30AUG04 A	18SEP04 A	30AUG04 A	18SEP04 A		100
B6-0503A5	Replace Existing Watermain,Ch.620-770	18	06SEP04 A	27SEP04 A	06SEP04 A	27SEP04 A		100
B6-0503A6	Realigned existing watermain connection by WSD	20	28SEP04 A	30OCT04 A	28SEP04 A	30OCT04 A		100
B6-0503A3	Watermains, At PS1	25	28OCT04 A	13NOV04 A	28OCT04 A	13NOV04 A		100
Section 7- Utilities								
UT-050000	Utilities by Others, Section 7, Area 7A	219 *	15APR04 A	19NOV04 A	15APR04 A	19NOV04 A		100
UT-0500P1	Powers(11kV), D1/Ch.540-620	19	15APR04 A	26APR04 A	15APR04 A	26APR04 A		100
UT-0500T1B	HGC-New World, D1/Ch.540-620	18	26APR04 A	28APR04 A	26APR04 A	28APR04 A		100
UT-0500T1A	PCCW, D1/Ch.540-620	16	27APR04 A	29APR04 A	27APR04 A	29APR04 A		100
UT-0500P2	Powers(11kV), D1/Ch.620-780 (30% done)	25	26MAY04 A	02JUN04 A	26MAY04 A	02JUN04 A		100
UT-0500T2A	PCCW, D1/Ch.620-780 (30% done)	25	05JUN04 A	11JUN04 A	05JUN04 A	11JUN04 A		100
UT-0500T2B	HGC-New World, D1/Ch.620-780 (30% done)	25	15JUN04 A	18JUN04 A	15JUN04 A	18JUN04 A		100
UT-0500P32	PlannedstartofworksbutobstructedbyCLPexstngcable	0	10AUG04 A		10AUG04 A			100
UT-0500P22	CLP realignment of existing cable	18	23AUG04 A	06SEP04 A	23AUG04 A	06SEP04 A		100
UT-0500P12	Powers(11kV), D1/Ch.620-780 remaining	16	28OCT04 A	13NOV04 A	28OCT04 A	13NOV04 A		100
UT-0500T2C	PCCW,D1/Ch.620-780 remaining	12	15NOV04 A	19NOV04 A	15NOV04 A	19NOV04 A		100
UT-0500T2D	HGC-New World,D1/Ch.620-780 remaining	12	15NOV04 A	19NOV04 A	15NOV04 A	19NOV04 A		100
Part 6.5 Roadworks - Section 5								
B5-050000	Roadworks - Section 5, Area 7A	187 *	07JUN04 A	10DEC04	07JUN04 A	24DEC04	14d	95
B5-0540F1	Roadworks, D1/Ch.540-620	20	07JUN04 A	09AUG04 A	07JUN04 A	09AUG04 A		100
B5-0541B1	Cycle track & Footpath, D1/Ch.540-620	20	17JUN04 A	10AUG04 A	17JUN04 A	10AUG04 A		100
B5-0540F12	Roadworks, D1/Ch.620~780 CLP portion	22	28AUG04 A	20SEP04 A	28AUG04 A	20SEP04 A		100
B5-0540F22	Roadworks, D1/Ch.620~780 CLP portion remaining	19	20SEP04 A	25SEP04 A	20SEP04 A	25SEP04 A		100
B5-0541B12	Cycle track & Footpath, D1/Ch.620~780	20	20SEP04 A	04OCT04 A	20SEP04 A	04OCT04 A		100
B5-0540F2	Roadworks, D1/Ch.620-780 remaining	20	26SEP04 A	16OCT04 A	26SEP04 A	16OCT04 A		100
B5-0541B2	Cycle track & Footpath, D1/Ch.620-780 remaining	30	05OCT04 A	10DEC04	05OCT04 A	24DEC04	14d	70
B5-0543E0	Roadworks Furnitures & Miscellaneous	10	15OCT04 A	05DEC04	15OCT04 A	05DEC04	0	65
+Section 6- Works in Area 7B, except LS & EW								
		423	30DEC02 A	10JUN04 A	30DEC02 A	10JUN04 A		100
+Sec.7-Area 8A,not Roadwork/Area10A,not Sec.10&11								
		214	08FEB03 A	09SEP03 A	08FEB03 A	09SEP03 A		100
+Section 8- Works in Area 10B								
		72	26SEP02 A	06DEC02 A	26SEP02 A	06DEC02 A		100
+Section 9- Works in Area 5								
		163	31DEC02 A	23JUL03 A	31DEC02 A	23JUL03 A		100
+Sec.10-Areas9A+9B/ Areas8+10A Roadwork,not LS+EW								
		444	18DEC02 A	25JUN04 A	18DEC02 A	25JUN04 A		100
+Sec.11-Earthwork&Works of Culvert C10 in Area10A								
		483	08OCT02 A	01JUN04 A	08OCT02 A	01JUN04 A		100
Section 12- Works of Sewage Pumping Station No.1								
Part 11.1 Pumping Station - Piling Structural Work								
BS-120000	Pump.Station No.1 - Piling & Structural Works	850 *	05DEC02 A	25APR05	05DEC02 A	30APR05	5d	84
BS-120100	Ground Investigation, 10 nos.	25	05DEC02 A	22OCT03 A	05DEC02 A	22OCT03 A		100
BS-120200	Install Bored Piles, 1800dia, 2400 bellout, 10nr	100	10NOV03 A	19FEB04 A	10NOV03 A	19FEB04 A		100
BS-120250	Pile Testing	30	17FEB04 A	28MAR04 A	17FEB04 A	28MAR04 A		100
BS-120300	Sheetpiling & preboring	55	26FEB04 A	26MAY04 A	26FEB04 A	26MAY04 A		100
BS-120320	Sheetpiling & Preboring Works remaining	12	26MAY04 A	06JUN04 A	26MAY04 A	06JUN04 A		100



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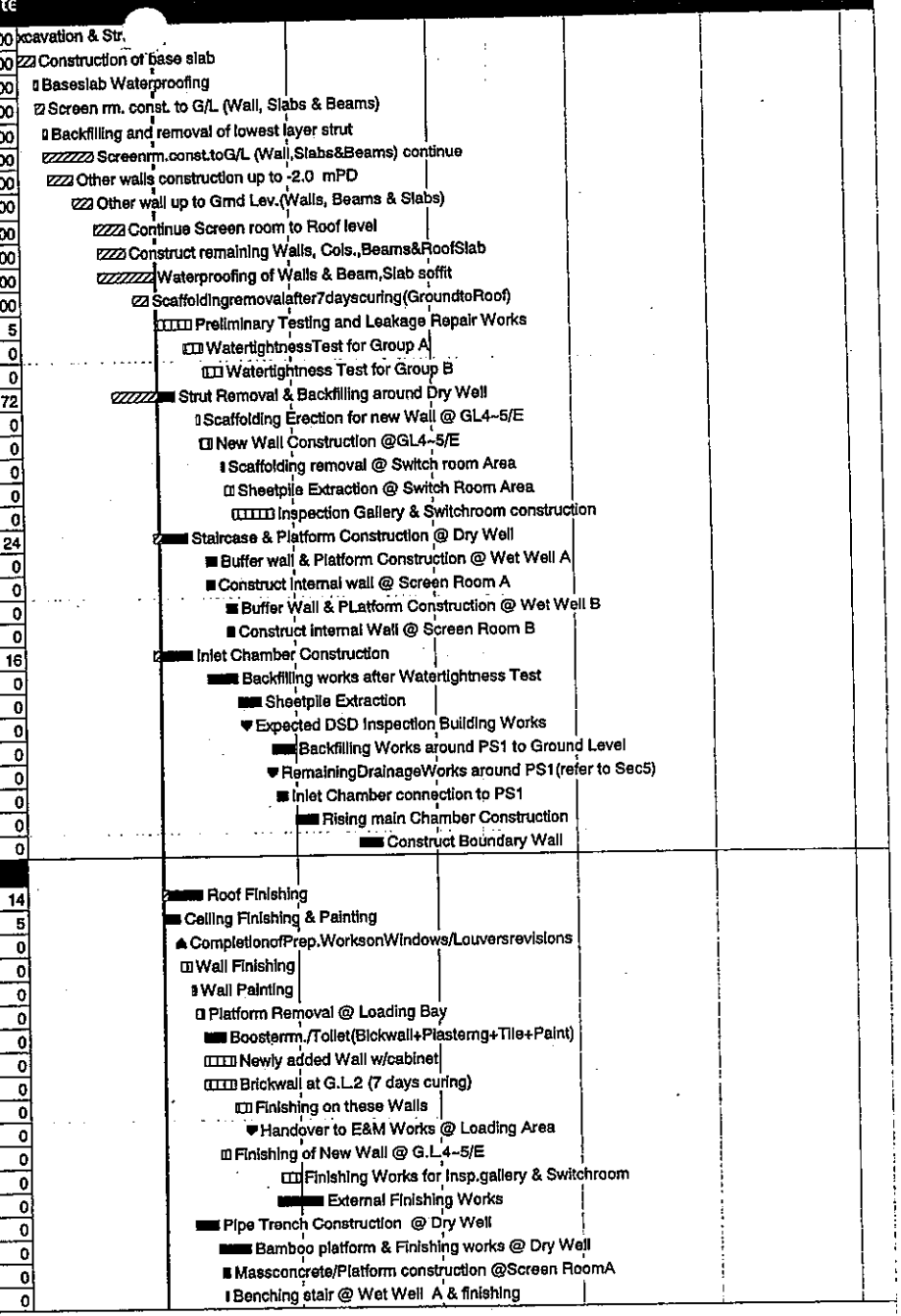
04OCT04	No.11 Revision H	WAJ	WL
17DEC04	No.12 Revision I	WAJ	WL

Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Percent Complete
BS-120350	Excavation & Strutting	24	07JUN04 A	24AUG04 A	07JUN04 A	24AUG04 A		100
BS-120400	Construction of base slab	10	25AUG04 A	14SEP04 A	25AUG04 A	14SEP04 A		100
BS-120410	Baseslab Waterproofing	4	14SEP04 A	16SEP04 A	14SEP04 A	16SEP04 A		100
BS-120500	Screen rm. const. to G/L (Wall, Slabs & Beams)	8	15SEP04 A	20SEP04 A	15SEP04 A	20SEP04 A		100
BS-120510	Backfilling and removal of lowest layer strut	3	20SEP04 A	22SEP04 A	20SEP04 A	22SEP04 A		100
BS-120530	Screenrm.const.toG/L (Wall,Slabs&Beams) continue	22	20SEP04 A	22OCT04 A	20SEP04 A	22OCT04 A		100
BS-120520	Other walls construction up to -2.0 mPD	17	23SEP04 A	08OCT04 A	23SEP04 A	08OCT04 A		100
BS-120670	Other wall up to Gmd Lev.(Walls, Beams & Slabs)	9	09OCT04 A	21OCT04 A	09OCT04 A	21OCT04 A		100
BS-120540	Continue Screen room to Roof level	15	23OCT04 A	11NOV04 A	23OCT04 A	11NOV04 A		100
BS-120600	Construct remaining Walls, Cols.,Beams&RoofSlab	15	25OCT04 A	11NOV04 A	25OCT04 A	11NOV04 A		100
BS-120690	Waterproofing of Walls & Beam,Slab soffit	4	25OCT04 A	30NOV04 A	25OCT04 A	30NOV04 A		100
BS-120610	Scaffoldingremovalafter7dayscuring(GroundtoRoof)	7	17NOV04 A	26NOV04 A	17NOV04 A	26NOV04 A		100
BS-120760	Preliminary Testing and Leakage Repair Works	25	02DEC04 A	25DEC04	02DEC04 A	25DEC04	0	5
BS-120720	WatertightnessTest for Group A	13	20DEC04	01JAN05	20DEC04	01JAN05	0	0
BS-120660	Watertightness Test for Group B	13	02JAN05	14JAN05	02JAN05	14JAN05	0	0
BS-120710	Strut Removal & Backfilling around Dry Well	42	02NOV04 A	13DEC04	02NOV04 A	27DEC04	14d	72
BS-121010	Scaffolding Erection for new Wall @ GL4~5/E	2	28DEC04	29DEC04	28DEC04	29DEC04	0	0
BS-121020	New Wall Construction @GL4~5/E	8	30DEC04	06JAN05	30DEC04	06JAN05	0	0
BS-121030	Scaffolding removal @ Switch room Area	2	13JAN05	14JAN05	13JAN05	14JAN05	0	0
BS-121040	Sheetpile Extraction @ Switch Room Area	6	15JAN05	20JAN05	15JAN05	20JAN05	0	0
BS-120620	Inspection Gallery & Switchroom construction	20	20JAN05	15FEB05	20JAN05	15FEB05	0	0
BS-120770	Staircase & Platform Construction @ Dry Well	25	28NOV04 A	20DEC04	28NOV04 A	13JAN05	24d	24
BS-120650	Buffer wall & Platform Construction @ Wet Well A	7	02JAN05	08JAN05	17FEB05	23FEB05	39d	0
BS-120780	Construct internal wall @ Screen Room A	5	02JAN05	06JAN05	14MAR05	18MAR05	64d	0
BS-120680	Buffer Wall & PLatform Construction @ Wet Well B	7	15JAN05	21JAN05	19FEB05	25FEB05	28d	0
BS-120790	Construct Internal Wall @ Screen Room B	5	15JAN05	19JAN05	13MAR05	17MAR05	50d	0
BS-120890	Inlet Chamber Construction	25	27NOV04 A	22DEC04	27NOV04 A	08APR05	100d	16
BS-120700	Backfilling works after Watertightness Test	20	02JAN05	21JAN05	07JAN05	26JAN05	5d	0
BS-120730	Sheetpile Extraction	15	22JAN05	05FEB05	27JAN05	17FEB05	5d	0
BS-120740	Expected DSD Inspection Building Works	0	27JAN05		01MAY05		87d	0
BS-120810	Backfilling Works around PS1 to Ground Level	15	13FEB05	27FEB05	18FEB05	04MAR05	5d	0
BS-120910	RemainingDrainageWorks around PS1(refer to Sec5)	0	13FEB05		01MAY05		77d	0
BS-121050	Inlet Chamber connection to PS1	7	16FEB05	22FEB05	09APR05	15APR05	52d	0
BS-120900	Rising main Chamber Construction	15	28FEB05	14MAR05	01APR05	15APR05	32d	0
BS-120750	Construct Boundary Wall	15	11APR05	25APR05	16APR05	30APR05	5d	0
Part 1 L2 Finishing Works								
BS-120830	Roof Finishing	30	01DEC04 A	27DEC04	01DEC04 A	26JAN05	30d	14
BS-120920	Ceiling Finishing & Painting	11	02DEC04 A	12DEC04	02DEC04 A	19DEC04	7d	5
BS-121000	CompletionofPrep.WorksonWindows/Louversrevisions	0		12DEC04 *		12DEC04	0	0
BS-120930	Wall Finishing	7	13DEC04	19DEC04	13DEC04	19DEC04	0	0
BS-120940	Wall Painting	3	20DEC04	22DEC04	20DEC04	22DEC04	0	0
BS-120950	Platform Removal @ Loading Bay	5	23DEC04	27DEC04	23DEC04	27DEC04	0	0
BS-120960	Boosterm./Toilet(Blckwall+Plasterng+Tile+Paint)	14	28DEC04	10JAN05	03JAN05	16JAN05	6d	0
BS-120970	Newly added Wall w/cabinet	20	28DEC04	16JAN05	28DEC04	16JAN05	0	0
BS-120980	Brickwall at G.L.2 (7 days curing)	20	28DEC04	16JAN05	28DEC04	16JAN05	0	0
BS-120990	Finishing on these Walls	10	17JAN05	26JAN05	17JAN05	26JAN05	0	0
BS-121060	Handover to E&M Works @ Loading Area	0	27JAN05		27JAN05		0	0
BS-120800	Finishing of New Wall @ G.L.4~5/E	6	07JAN05	12JAN05	07JAN05	12JAN05	0	0
BS-120630	Finishing Works for Insp.gallery & Switchroom	12	16FEB05	27FEB05	16FEB05	27FEB05	0	0
BS-120640	External Finishing Works	30	13FEB05	14MAR05	01APR05	30APR05	47d	0
BS-120820	Pipe Trench Construction @ Dry Well	15	21DEC04	04JAN05	14JAN05	28JAN05	24d	0
BS-120840	Bamboo platform & Finishing works @ Dry Well	21	05JAN05	25JAN05	29JAN05	25FEB05	24d	0
BS-120850	Massconcrete/Platform construction @Screen RoomA	5	07JAN05	11JAN05	19MAR05	23MAR05	64d	0
BS-120870	Benching stair @ Wet Well A & finishing	2	09JAN05	10JAN05	24FEB05	25FEB05	39d	0



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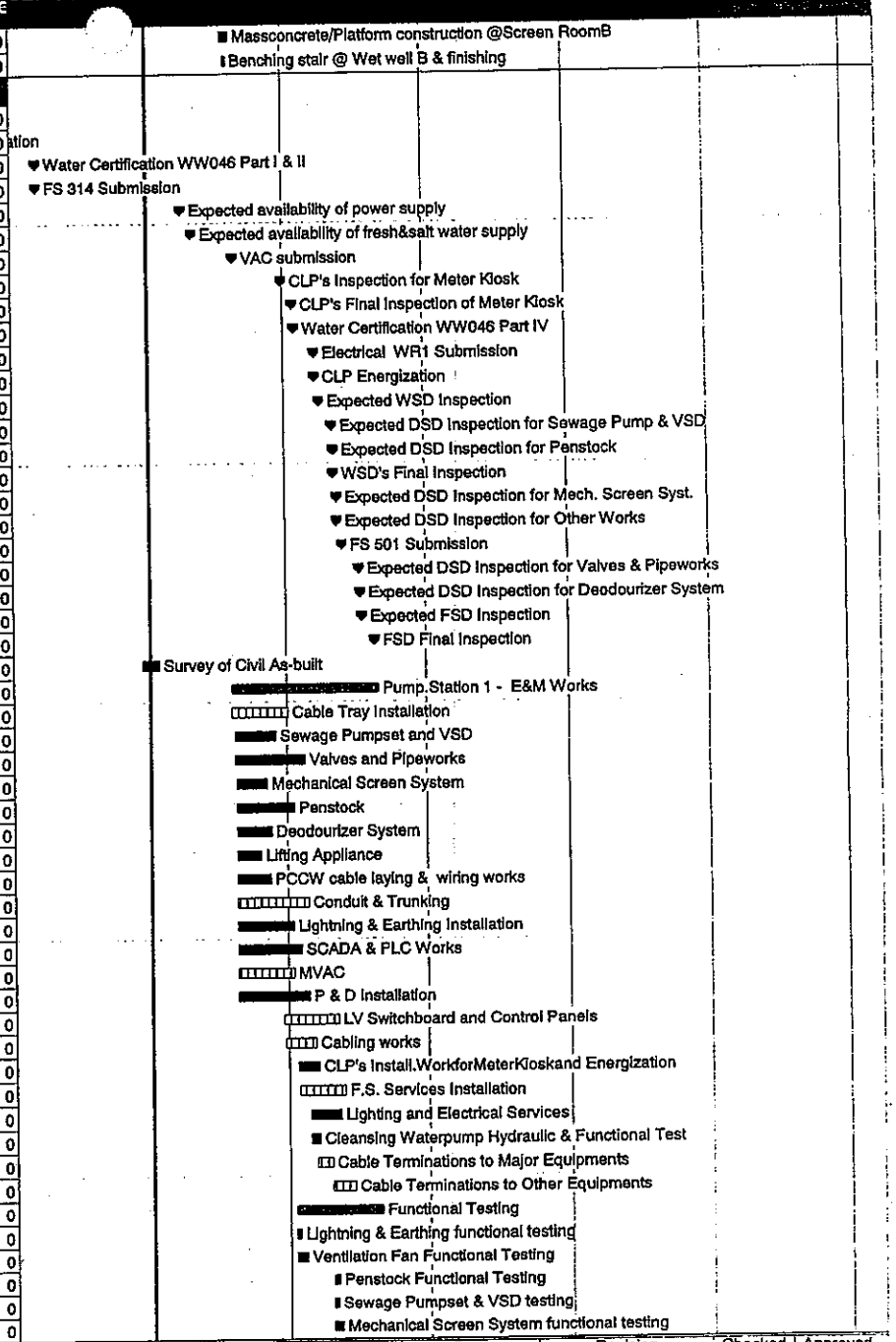
BS-120860	Massconcrete/Platform construction @Screen RoomB	5	20JAN05	N05	18MAR05	23MAR05	49d	0
BS-120880	Benching stair @ Wet well B & finishing	2	22JAN05	23JAN05	26FEB05	27FEB05	28d	0
Part 1.14 Electrical & Mechanical Equipment								
BS-124020	Power Supply Application	0	11DEC03 A		11DEC03 A			100
BS-124030	Link Application	0	07JUL04 A		07JUL04 A			100
BS-125020	Water Certification WW046 Part I & II	0	20SEP04 A		20SEP04 A			100
BS-125050	FS 314 Submission	0	20SEP04 A		20SEP04 A			100
BS-125090	Expected availability of power supply	0	24DEC04		04APR05		94d	0
BS-125080	Expected availability of fresh&salt water supply	0	31DEC04		31DEC04		0	0
BS-125160	VAC submission	0	27JAN05		27JAN05		0	0
BS-127220	CLP's Inspection for Meter Kiosk	0	28FEB05		14MAR05		14d	0
BS-127230	CLP's Final Inspection of Meter Kiosk	0	07MAR05		21MAR05		14d	0
BS-125100	Water Certification WW046 Part IV	0	08MAR05		04APR05		22d	0
BS-124010	Electrical WR1 Submission	0	21MAR05		04APR05		11d	0
BS-127020	CLP Energization	0	21MAR05		04APR05		11d	0
BS-125030	Expected WSD Inspection	0	24MAR05		20APR05		22d	0
BS-125040	Expected DSD Inspection for Sewage Pump & VSD	0	01APR05		28APR05		23d	0
BS-125130	Expected DSD Inspection for Penstock	0	02APR05		28APR05		22d	0
BS-125180	WSD's Final Inspection	0	02APR05		28APR05		26d	0
BS-125110	Expected DSD Inspection for Mech. Screen Syst.	0	04APR05		28APR05		21d	0
BS-125150	Expected DSD Inspection for Other Works	0	04APR05		28APR05		21d	0
BS-125060	FS 501 Submission	0	07APR05		07APR05		0	0
BS-125120	Expected DSD Inspection for Valves & Pipeworks	0	18APR05		28APR05		9d	0
BS-125140	Expected DSD Inspection for Deodourizer System	0	19APR05		28APR05		8d	0
BS-125070	Expected FSD Inspection	0	20APR05		20APR05		0	0
BS-125170	FSD Final Inspection	0	28APR05		28APR05		0	0
BS-126010	Survey of Civil As-built	7	27NOV04 A	07DEC04	27NOV04 A	30APR05	137d	10
BS-123000	Pump.Station 1 - E&M Works	90 *	24JAN05	30APR05	24JAN05	30APR05	0	0
BS-126030	Cable Tray Installation	30	24JAN05	01MAR05	24JAN05	01MAR05	0	0
BS-124040	Sewage Pumpset and VSD	20	26JAN05	21FEB05	27MAR05	15APR05	53d	0
BS-124070	Valves and Pipeworks	40	26JAN05	12MAR05	26FEB05	14APR05	27d	0
BS-124050	Mechanical Screen System	20	27JAN05	15FEB05	24MAR05	12APR05	56d	0
BS-124060	Penstock	33	27JAN05	05MAR05	04MAR05	12APR05	31d	0
BS-124080	Deodourizer System	20	27JAN05	18FEB05	19MAR05	12APR05	44d	0
BS-124090	Lifting Appliance	14	27JAN05	11FEB05	07APR05	22APR05	59d	0
BS-124110	PCCW cable laying & wiring works	15	27JAN05	17FEB05	10APR05	24APR05	66d	0
BS-126020	Conduit & Trunking	40	27JAN05	14MAR05	27JAN05	14MAR05	0	0
BS-126040	Lightning & Earthing Installation	30	27JAN05	04MAR05	26MAR05	24APR05	51d	0
BS-126060	SCADA & PLC Works	35	27JAN05	09MAR05	15MAR05	18APR05	40d	0
BS-126070	MVAC	30	27JAN05	04MAR05	27JAN05	04MAR05	0	0
BS-126080	P & D Installation	40	27JAN05	14MAR05	02MAR05	10APR05	27d	0
BS-124100	LV Switchboard and Control Panels	30	26FEB05	02APR05	26FEB05	02APR05	0	0
BS-126050	Cabling works	20	27FEB05	18MAR05	27FEB05	18MAR05	0	0
BS-127240	CLP's Install.WorkforMeterKioskand Energization	14	07MAR05	20MAR05	21MAR05	03APR05	14d	0
BS-126090	F.S. Services Installation	30	08MAR05	06APR05	08MAR05	06APR05	0	0
BS-126120	Lighting and Electrical Services	20	15MAR05	03APR05	04APR05	23APR05	20d	0
BS-127210	Cleansing Waterpump Hydraulic & Functional Test	6	15MAR05	20MAR05	22APR05	27APR05	38d	0
BS-126100	Cable Terminations to Major Equipments	10	19MAR05	28MAR05	19MAR05	28MAR05	0	0
BS-126110	Cable Terminations to Other Equipments	15	29MAR05	12APR05	29MAR05	12APR05	0	0
BS-127000	Functional Testing	57 *	05MAR05	30APR05	04APR05	30APR05	0	0
BS-127050	Lightning & Earthing functional testing	3	05MAR05	07MAR05	25APR05	27APR05	51d	0
BS-127140	Ventilation Fan Functional Testing	7	05MAR05	11MAR05	21APR05	27APR05	47d	0
BS-127080	Penstock Functional Testing	4	29MAR05	01APR05	15APR05	18APR05	17d	0
BS-127120	Sewage Pumpset & VSD testing	3	29MAR05	31MAR05	16APR05	18APR05	16d	0
BS-127130	Mechanical Screen System functional testing	6	29MAR05	03APR05	13APR05	18APR05	15d	0



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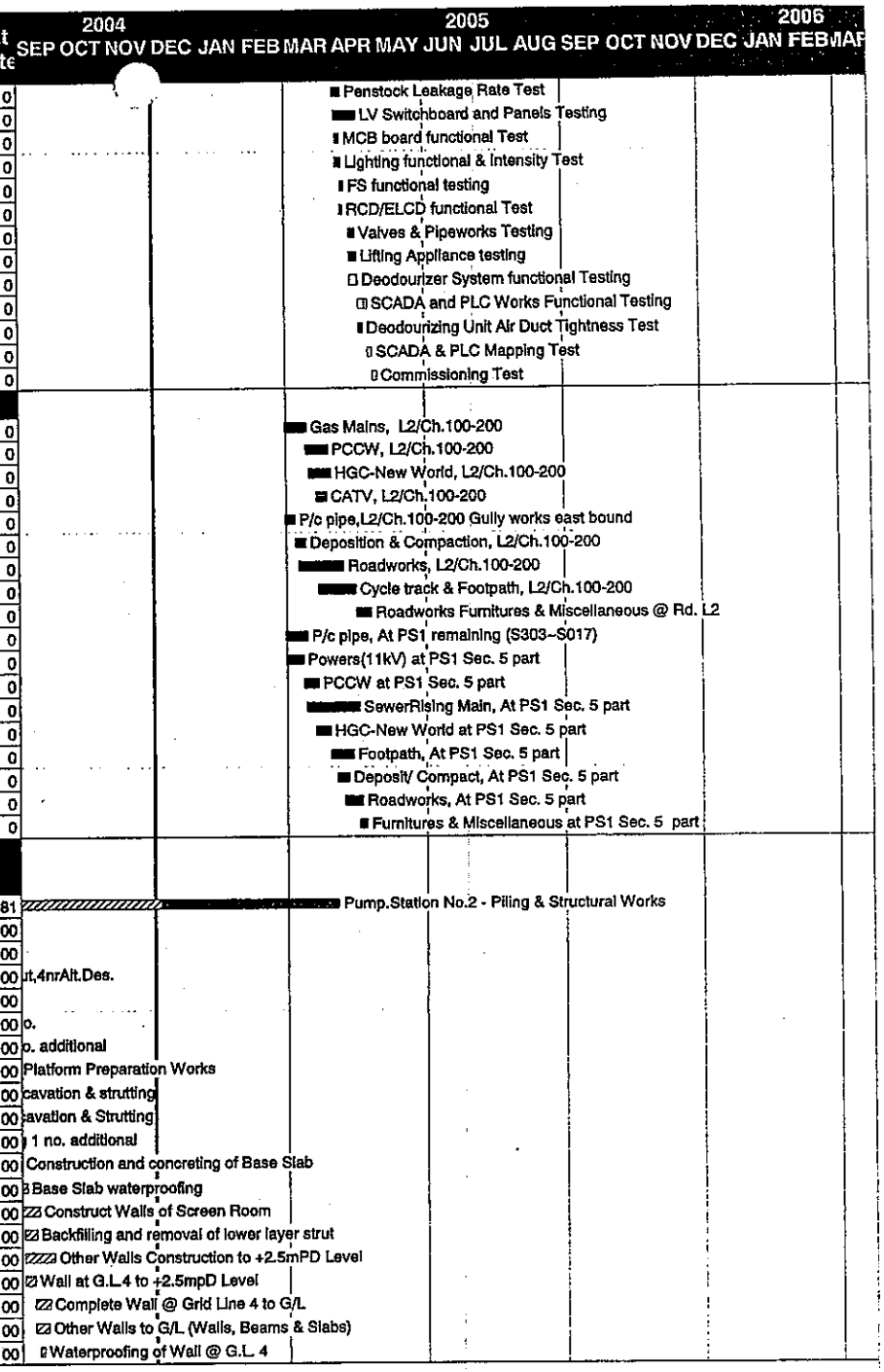
BS-127150	Penstock Leakage Rate Test	6	02APR05	07APR05	22APR05	27APR05	20d	0
BS-127110	LV Switchboard and Panels Testing	15	03APR05	17APR05	04APR05	18APR05	1d	0
BS-127180	MCB board functional Test	3	04APR05	06APR05	25APR05	27APR05	21d	0
BS-127200	Lighting functional & Intensity Test	4	04APR05	07APR05	24APR05	27APR05	20d	0
BS-127040	FS functional testing	3	07APR05	09APR05	25APR05	27APR05	18d	0
BS-127190	RCD/ELCD functional Test	2	07APR05	08APR05	28APR05	29APR05	21d	0
BS-127070	Valves & Pipeworks Testing	4	13APR05	16APR05	15APR05	18APR05	2d	0
BS-127090	Lifting Appliance testing	5	13APR05	17APR05	23APR05	27APR05	10d	0
BS-127100	Deodourizer System functional Testing	6	13APR05	18APR05	13APR05	18APR05	0	0
BS-127030	SCADA and PLC Works Functional Testing	6	19APR05	24APR05	19APR05	24APR05	0	0
BS-127160	Deodourizing Unit Air Duct Tightness Test	3	19APR05	21APR05	25APR05	27APR05	6d	0
BS-127170	SCADA & PLC Mapping Test	3	25APR05	27APR05	25APR05	27APR05	0	0
BS-127010	Commissioning Test	3	28APR05	30APR05	28APR05	30APR05	0	0
Other Works Related to PS1								
UT-0300G1	Gas Mains, L2/Ch.100-200	15	28FEB05	14MAR05	05MAR05	19MAR05	5d	0
UT-0300T1A	PCCW, L2/Ch.100-200	15	14MAR05	28MAR05	19MAR05	02APR05	5d	0
UT-0300T1B	HGC-New World, L2/Ch.100-200	15	16MAR05	30MAR05	21MAR05	04APR05	5d	0
UT-0300T1C	CATV, L2/Ch.100-200	7	21MAR05	27MAR05	28MAR05	01APR05	5d	0
B4-0317D41	P/c pipe,L2/Ch.100-200 Gully works east bound	7	28FEB05	06MAR05	13MAR05	19MAR05	13d	0
B3-0308M1	Deposition & Compaction, L2/Ch.100-200	7	07MAR05	13MAR05	20MAR05	26MAR05	13d	0
B5-0325C1	Roadworks, L2/Ch.100-200	30	09MAR05	07APR05	22MAR05	20APR05	13d	0
B5-0326A1	Cycle track & Footpath, L2/Ch.100-200	25	22MAR05	15APR05	27MAR05	20APR05	5d	0
B5-0328C10	Roadworks Furnitures & Miscellaneous @ Rd. L2	10	16APR05	25APR05	21APR05	30APR05	5d	0
B4-0528F12	P/c pipe, At PS1 remaining (S303~S017)	15	28FEB05	14MAR05	05MAR05	19MAR05	5d	0
UT-0500P3	Powers(11kV) at PS1 Sec. 5 part	12	28FEB05	11MAR05	12MAR05	23MAR05	12d	0
UT-0500T3A	PCCW at PS1 Sec. 5 part	10	12MAR05	21MAR05	24MAR05	02APR05	12d	0
B4-0535A1	SewerRising Main, At PS1 Sec. 5 part	35	14MAR05	17APR05	19MAR05	22APR05	5d	0
UT-0500T3B	HGC-New World at PS1 Sec. 5 part	10	20MAR05	29MAR05	01APR05	10APR05	12d	0
B5-0541B3	Footpath, At PS1 Sec. 5 part	15	30MAR05	13APR05	11APR05	25APR05	12d	0
B3-0512A30	Deposit/ Compact, At PS1 Sec. 5 part	8	03APR05	10APR05	08APR05	15APR05	5d	0
B5-0540F3	Roadworks, At PS1 Sec. 5 part	12	08APR05	19APR05	16APR05	27APR05	8d	0
B5-0543E10	Furnitures & Miscellaneous at PS1 Sec. 5 part	5	18APR05	22APR05	26APR05	30APR05	8d	0
Section 13- Works of Sewage Pumping Station No.2								
Part A: Pumping Station & Piling - Structural Work								
BS-130000	Pump.Station No.2 - Piling & Structural Works	621 *	08JUL03 A	03APR05	08JUL03 A	30APR05	27d	81
BS-130100	Ground Investigation, 4 nos.	12	08JUL03 A	29OCT03 A	08JUL03 A	29OCT03 A		100
BS-130300	Sheetpiling	45	22OCT03 A	11DEC03 A	22OCT03 A	11DEC03 A		100
BS-130200	InstallBoredPiles,2.22dia,2.3belfout,4nrAlt.Des.	70	11JAN04 A	28MAR04 A	11JAN04 A	28MAR04 A		100
BS-130250	Pile Testing	30	01APR04 A	28APR04 A	01APR04 A	28APR04 A		100
BS-130380	Ground Investigation, 1 no.	9	29APR04 A	07MAY04 A	29APR04 A	07MAY04 A		100
BS-130360	InstallBoredPile, 1 no. additional	20	13MAY04 A	30MAY04 A	13MAY04 A	30MAY04 A		100
BS-130390	Pile Testing Platform Preparation Works	27	31MAY04 A	05JUL04 A	31MAY04 A	05JUL04 A		100
BS-130420	Mobilization for Excavation & strutting	12	31MAY04 A	07JUN04 A	31MAY04 A	07JUN04 A		100
BS-130350	Excavation & Strutting	16	08JUN04 A	16AUG04 A	08JUN04 A	16AUG04 A		100
BS-130370	Pile Testing 1 no. additional	6	06JUL04 A	10JUL04 A	06JUL04 A	10JUL04 A		100
BS-130400	Construction and concreting of Base Slab	10	17AUG04 A	02SEP04 A	17AUG04 A	02SEP04 A		100
BS-130410	Base Slab waterproofing	4	02SEP04 A	06SEP04 A	02SEP04 A	06SEP04 A		100
BS-130500	Construct Walls of Screen Room	8	03SEP04 A	14SEP04 A	03SEP04 A	14SEP04 A		100
BS-130430	Backfilling and removal of lower layer strut	3	05SEP04 A	12SEP04 A	05SEP04 A	12SEP04 A		100
BS-130520	Other Walls Construction to +2.5mPD Level	8	05SEP04 A	24SEP04 A	05SEP04 A	24SEP04 A		100
BS-130600	Wall at G.L.4 to +2.5mpD Level	8	05SEP04 A	11SEP04 A	05SEP04 A	11SEP04 A		100
BS-130570	Complete Wall @ Grid Line 4 to G/L	2	12SEP04 A	21SEP04 A	12SEP04 A	21SEP04 A		100
BS-130590	Other Walls to G/L (Walls, Beams & Slabs)	7	12SEP04 A	20SEP04 A	12SEP04 A	20SEP04 A		100
BS-130550	Waterproofing of Wall @ G.L. 4	4	15SEP04 A	17SEP04 A	15SEP04 A	17SEP04 A		100



Start date	27AUG02
Finish date	28FEB06
Data date	02DEC04
Run date	18DEC04
Page number	12A
Number/Version	TP35/02/WP/01I
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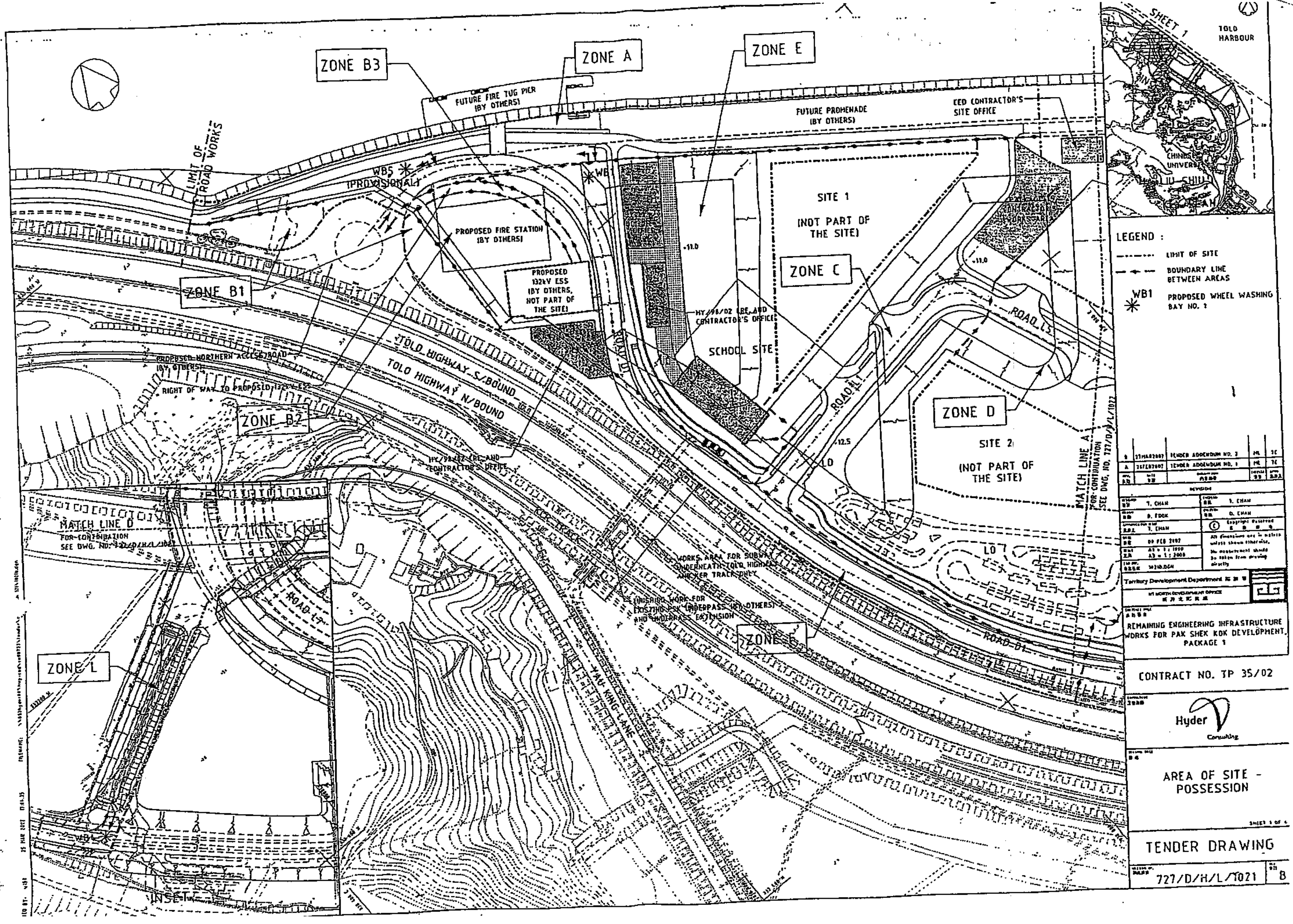
Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

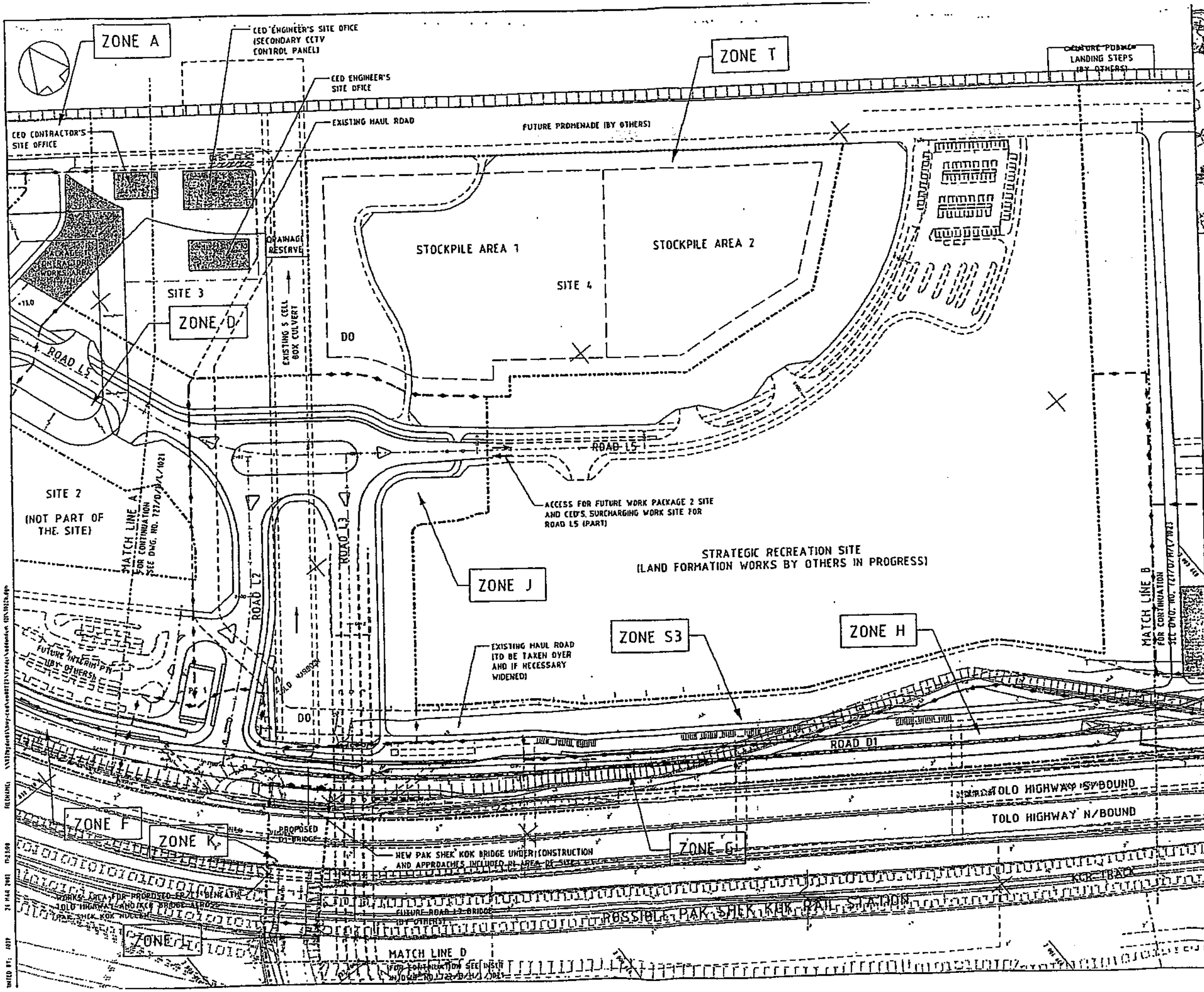
Contract No. TP35/02
Remaining Engineering Infrastructure Works
for Pak Shek Kok Development Package 1
REVISED WORKS PROGRAMME I

Date	Revision	Checked	Approved
01JUN04	No.9 Revision G	WAJ	WL
07JUL04	No.10 RevisionG1	WAJ	WL
04OCT04	No.11 Revision H	WAJ	WL
17DEC04	No.12 Revision I	WAJ	WL

Appendix G

Construction Site Area


ZONE B3
ZONE A
ZONE E
FUTURE FIRE TUG PIER (BY OTHERS)
FUTURE PROMENADE (BY OTHERS)
EED CONTRACTOR'S SITE OFFICE
LIMIT OF ROAD WORKS
WB5 (PROVISIONAL)
WB1
PROPOSED FIRE STATION (BY OTHERS)
PROPOSED 132kV ESS (BY OTHERS, NOT PART OF THE SITE)
SITE 1 (NOT PART OF THE SITE)
ZONE C
ZONE B1
HY/98/02 ERE AND CONTRACTOR'S OFFICE
SCHOOL SITE
ROAD L3
ROAD L1
ROAD D1
TOLO HIGHWAY S/BOUND
TOLO HIGHWAY N/BOUND
PROPOSED NORTHERN ACCESS ROAD (BY OTHERS)
RIGHT OF WAY TO PROPOSED 132kV ESS
ZONE B2
ZONE D
SITE 2 (NOT PART OF THE SITE)
MATCH LINE A FOR CONTINUATION SEE DWG. NO. 727/D/H/L/1022
MATCH LINE D FOR CONTINUATION SEE DWG. NO. 727/D/H/L/1024
WORKS AREA FOR SUBWAY UNDERNEATH TOLO HIGHWAY AND KCR TRACK ONLY
FINISHING WORK FOR EXISTING PSK UNDERPASS (BY OTHERS) AND UNDERPASS EXTENSION
ROAD L4
ZONE L
YAU KING LANE
KCR TRACK
ZONE F
INSET
TOLO HARBOUR
SHEET 1
LEGEND :
LIMIT OF SITE
BOUNDARY LINE BETWEEN AREAS
WB1 PROPOSED WHEEL WASHING BAY NO. 1
TENDER ADDENDUM NO. 2
TENDER ADDENDUM NO. 1
T. CHAN
D. FOOK
D. CHAN
09 FEB 2002
Territory Development Department
REMAINING ENGINEERING INFRASTRUCTURE WORKS FOR PAK SHEK KOK DEVELOPMENT, PACKAGE 1
CONTRACT NO. TP 35/02
Hyder Consulting
AREA OF SITE - POSSESSION
TENDER DRAWING
727/D/H/L/1021 B



NOTES :
FOR LEGEND, SEE DRAWING NO. 727/D/H/L/1021.

B	7 MAR 2002	TENDER ADDENDUM NO. 2	ML	TC
A	26 FEB 2002	TENDER ADDENDUM NO. 1	ML	TC

T. CHAN — T. CHAN
B. FOOK — D. CHAN
T. CHAN
08 FEB 2002
A1 = 1 : 1000
A3 = 1 : 2000

All dimensions are in metres unless shown otherwise.
No measurement should be taken from drawing directly.

Territory Development Department

REMAINING ENGINEERING INFRASTRUCTURE WORKS FOR PAK SHEK KOK DEVELOPMENT PACKAGE 1

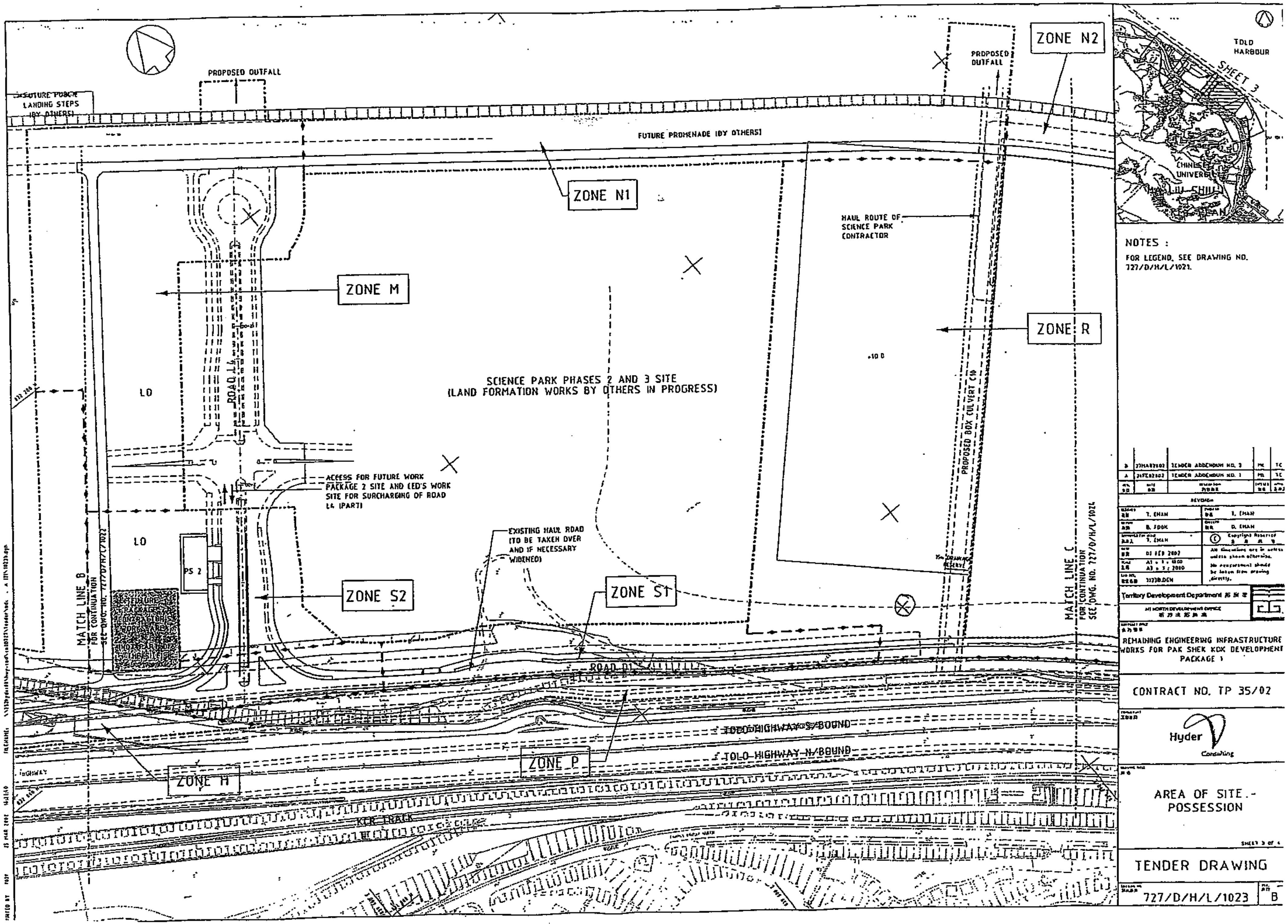
CONTRACT NO. TP 35/02

Hyder Consulting

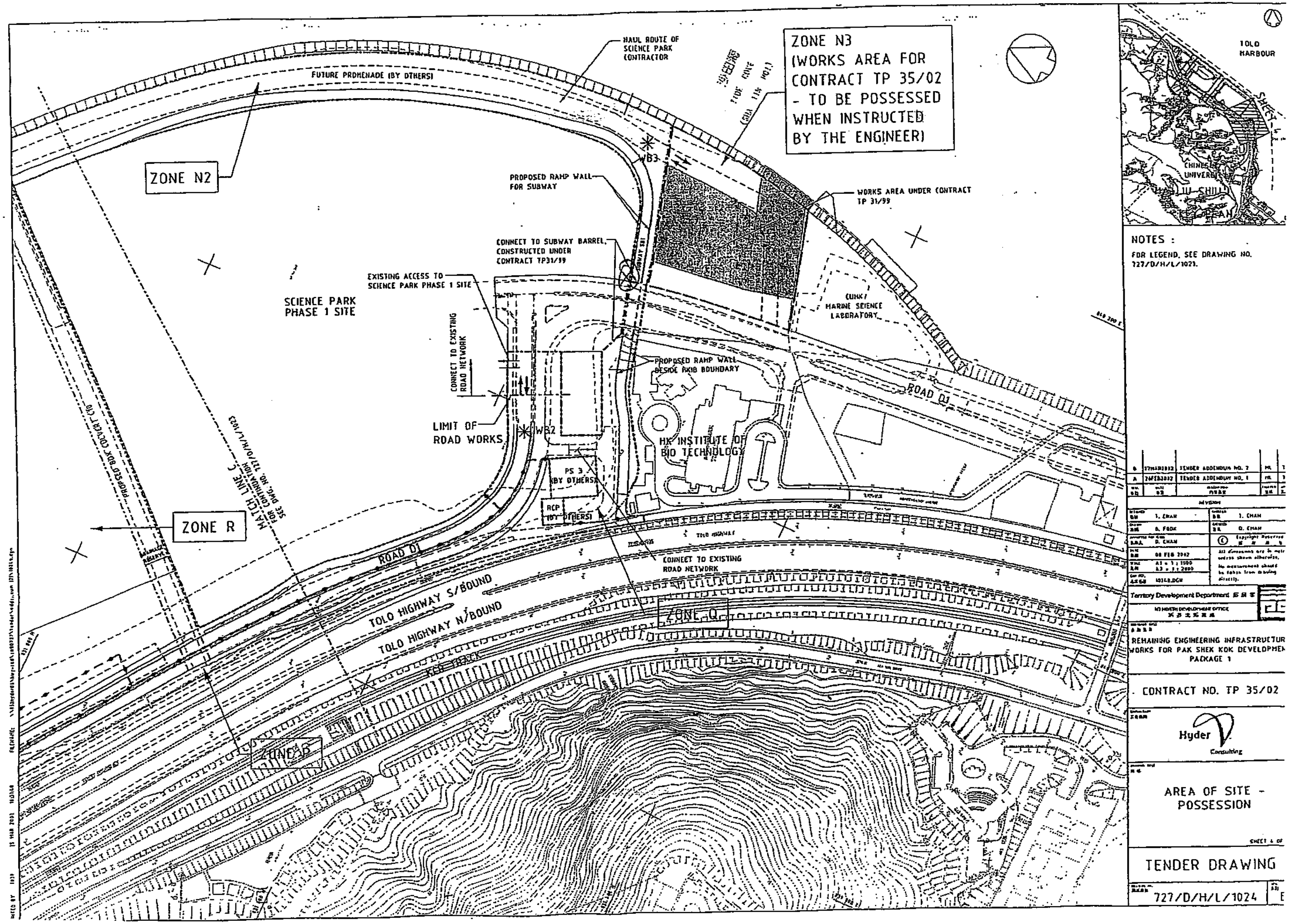
AREA OF SITE - POSSESSION

TENDER DRAWING

727/D/H/L/1022 B



ZONE N2
TOLO HARBOUR
SHEET 3
PROPOSED OUTFALL
FUTURE PUBLIC LANDING STEPS (BY OTHERS)
FUTURE PROMENADE (BY OTHERS)
ZONE N1
HAUL ROUTE OF SCIENCE PARK CONTRACTOR
ZONE M
ZONE R
SCIENCE PARK PHASES 2 AND 3 SITE
(LAND FORMATION WORKS BY OTHERS IN PROGRESS)
PROPOSED BOX CULVERT C10
ROAD L6
LO
ACCESS FOR FUTURE WORK PACKAGE 2 SITE AND CED'S WORK SITE FOR SURCHARGING OF ROAD L4 (PART)
EXISTING HAUL ROAD (TO BE TAKEN OVER AND IF NECESSARY WIDENED)
PS 2
ZONE S2
ZONE S1
MATCH LINE B
FOR CONTINUATION SEE DWG. NO. 727/D/H/L/1022
MATCH LINE C
FOR CONTINUATION SEE DWG. NO. 727/D/H/L/1024
ROAD D1
TOLO HIGHWAY S/BOUND
TOLO HIGHWAY N/BOUND
ZONE P
ZONE H
KCR TRACK
NOTES :
FOR LEGEND, SEE DRAWING NO. 727/D/H/L/1021.
B 27MAR2002 TENDER ADDENDUM NO. 2
A 21FEB2002 TENDER ADDENDUM NO. 1
T. CHAN
B. FOOK
01 FEB 2002
A1 = 1 : 1000
A3 = 1 : 2000
Territory Development Department
REMAINING ENGINEERING INFRASTRUCTURE WORKS FOR PAK SHEK KOK DEVELOPMENT PACKAGE 1
CONTRACT NO. TP 35/02
Hyder Consulting
AREA OF SITE - POSSESSION
TENDER DRAWING
727/D/H/L/1023
B


ZONE N3
(WORKS AREA FOR
CONTRACT TP 35/02
- TO BE POSSESSED
WHEN INSTRUCTED
BY THE ENGINEER)
ZONE N2
ZONE R
ZONE Q
HAUL ROUTE OF SCIENCE PARK CONTRACTOR
FUTURE PROMENADE (BY OTHERS)
WORKS AREA UNDER CONTRACT TP 31/99
PROPOSED RAMP WALL FOR SUBWAY
CONNECT TO SUBWAY BARREL, CONSTRUCTED UNDER CONTRACT TP31/99
EXISTING ACCESS TO SCIENCE PARK PHASE 1 SITE
SCIENCE PARK
PHASE 1 SITE
CONNECT TO EXISTING ROAD NETWORK
LIMIT OF ROAD WORKS
PROPOSED RAMP WALL BESIDE HKIB BOUNDARY
CUHK MARINE SCIENCE LABORATORY
HK INSTITUTE OF BIO TECHNOLOGY
ROAD D1
ROAD D3
PS 3 (BY OTHERS)
RCP (BY OTHERS)
TOLO HIGHWAY S/BOUND
TOLO HIGHWAY N/BOUND
MATCH LINE C
SEE DWG. NO. 727/D/H/L/1023 FOR CONTINUATION
PROPOSED BOX CULVERT C10
TOLO HARBOUR
NOTES :
FOR LEGEND, SEE DRAWING NO. 727/D/H/L/1023.
B 17MAR2002 TENDER ADDENDUM NO. 2
A 26FEB2002 TENDER ADDENDUM NO. 1
Territory Development Department
NT NORTH DEVELOPMENT OFFICE
REMAINING ENGINEERING INFRASTRUCTURE WORKS FOR PAK SHEK KOK DEVELOPMENT PACKAGE 1
CONTRACT NO. TP 35/02
Hyder Consulting
AREA OF SITE - POSSESSION
TENDER DRAWING
727/D/H/L/1024

Appendix H

The Summary of Implementation Status of Mitigation Measures during Weekly Site Inspections

The Summary of Implementation status of Mitigation Measures

Aspect	Mitigation Measures	Implementation Status		
		Y	N	N/A
Air	- The height from which fill materials were dropped was controlled to a practical height to minimize the fugitive dust arising form unloading.	√		
	- During transportation by truck, material was loaded to a level higher than the side and tail boards, and should be dampened or covered before transport.	√		
	- All stockpile of aggregate or spoil were enclosed or covered and water applied in dry or windy condition.	√		
	- Effective water sprays were used on the site at potential dust emission sources such as unpaved area.	√		
	- The haul road was either paved or regular watering.	√		
	- Vehicle speed was limited to 20 km/hr.	√		
	- Adequately designed wheel washing facilities including a high pressure water jet were provided at all main entrance of work site.	√		
Noise	- Only well maintained plant was operated on-site and plant should be serviced regularly during the construction works.	√		
	- Machines and plants that were in intermittent use were shut down between work periods or throttled down to a minimum.	√		
	- Plant known to emit noise strongly in on direction, where possible, were orientated so that the noise is directed away from nearby NSRs.	√		
	- Silencers or mufflers on construction equipment were considered.	√		
Water	- Recirculation system was used to reduce SS from the vehicle wheel washing facility.	√		
	- Fuel tanks on site were housed within drainable trays and regularly drained of rainwater.	√		
	- Washing area and road exiting were paved from washing facility.	√		
	- Permanent / Temporary ditches were provided to facilities run-off discharge into the appropriate watercourses, via a sediment trap/sediment retention basin, prior to discharge.	√		
	- Sedimentation tanks with adequate capacity to settle the sand and silt out were provided.	√		
	- Sedimentation tanks were regularly cleaned and maintained in order to control their efficiency and to prevent the recycled water overflow to drains.	√		
	- All drainage facilities were adequate for the controlled release of storm flows.	√		
	- Exposed soil areas were minimized to reduce the potential for increased siltation and contamination of run-off.	√		
	- All chemical stores were contained (bunded) such that spills are not slowed to gain access to water bodies.	√		
	- Chemical toilets were provided to handle the sewage from the on-site construction workforce.	√		

The Summary of Implementation status of Mitigation Measures

Aspect	Mitigation Measures	Implementation Status		
		Y	N	N/A
Waste	- Wastes were handle and store in a manner, which ensure that they were held securely without loss or leakage, thereby minimizing the potential for pollution.	√		
	- Authorized or licensed waste hauliers were use to collect the specific category of waste.	√		
	- Wastes were removed in a timely manner.	√		
	- The waste storage areas were maintained and cleaned regularly.	√		
	- Windblown litter and dust during transportation by either covering trucks or transporting wastes in enclosed containers were minimized.	√		
	- Waste disposal permits were obtained form the appropriate authorities.	√		
	- Wastes were disposed at licensed sites.	√		
	- Procedures such as a ticketing system were developed to facilitate tracing of loads, particularly for chemical waste, and to ensure that illegal disposal of wastes does not occur.	√		
	- Records of the quantities of wastes generated, recycled and disposal were maintained.	√		
Chemical Waste	- Under the Waste Disposal (Chemical Waste) (General) Regulation, chemical waste producers were registered with EPD.	√		
	- Chemical wastes were transported by a registered chemical waste collector to a facility licensed to receive chemical waste.	√		
	- Containers used for the storage of chemical wastes were:			
	1.Suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed;	√		
	2.Enclosed on at least 3 sides;	√		
	3.Have an impermeable floor and bunding, of capacity to accommodate 120% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest;	√		
	4.-Have adequate ventilation;	√		
	5.Covered to prevent rainfall entering (water collected within the bund must be tested and disposal as chemical waste if necessary);	√		
	6.Arranged so that incompatible materials are adequately separated.	√		

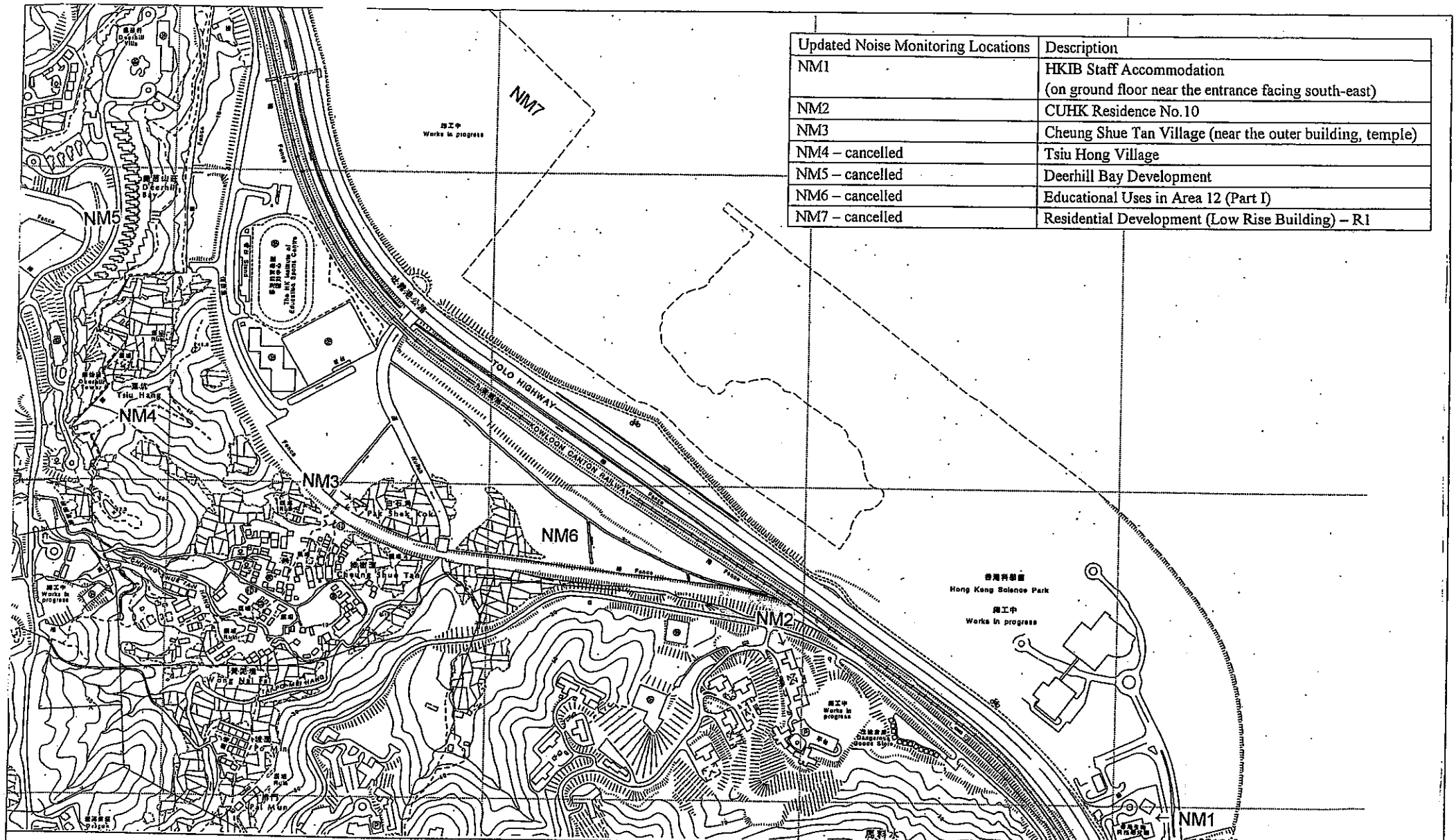
Appendix I

IEC and RE Comments on Monthly EM&A Report – December 2004

IEC and RE Comments on Monthly Environmental Monitoring and Audit Report – December 2004

Item No.	Document Reference	Comment	ET Response
---	---	No RE / IEC Comments on Monthly Environmental Monitoring and Audit Report – December 2004 were received.	No ET responses were required

Figures



Updated Noise Monitoring Locations	Description
NM1	HKIB Staff Accommodation (on ground floor near the entrance facing south-east)
NM2	CUHK Residence No.10
NM3	Cheung Shue Tan Village (near the outer building, temple)
NM4 – cancelled	Tsiu Hong Village
NM5 – cancelled	Deerhill Bay Development
NM6 – cancelled	Educational Uses in Area 12 (Part I)
NM7 – cancelled	Residential Development (Low Rise Building) – R1

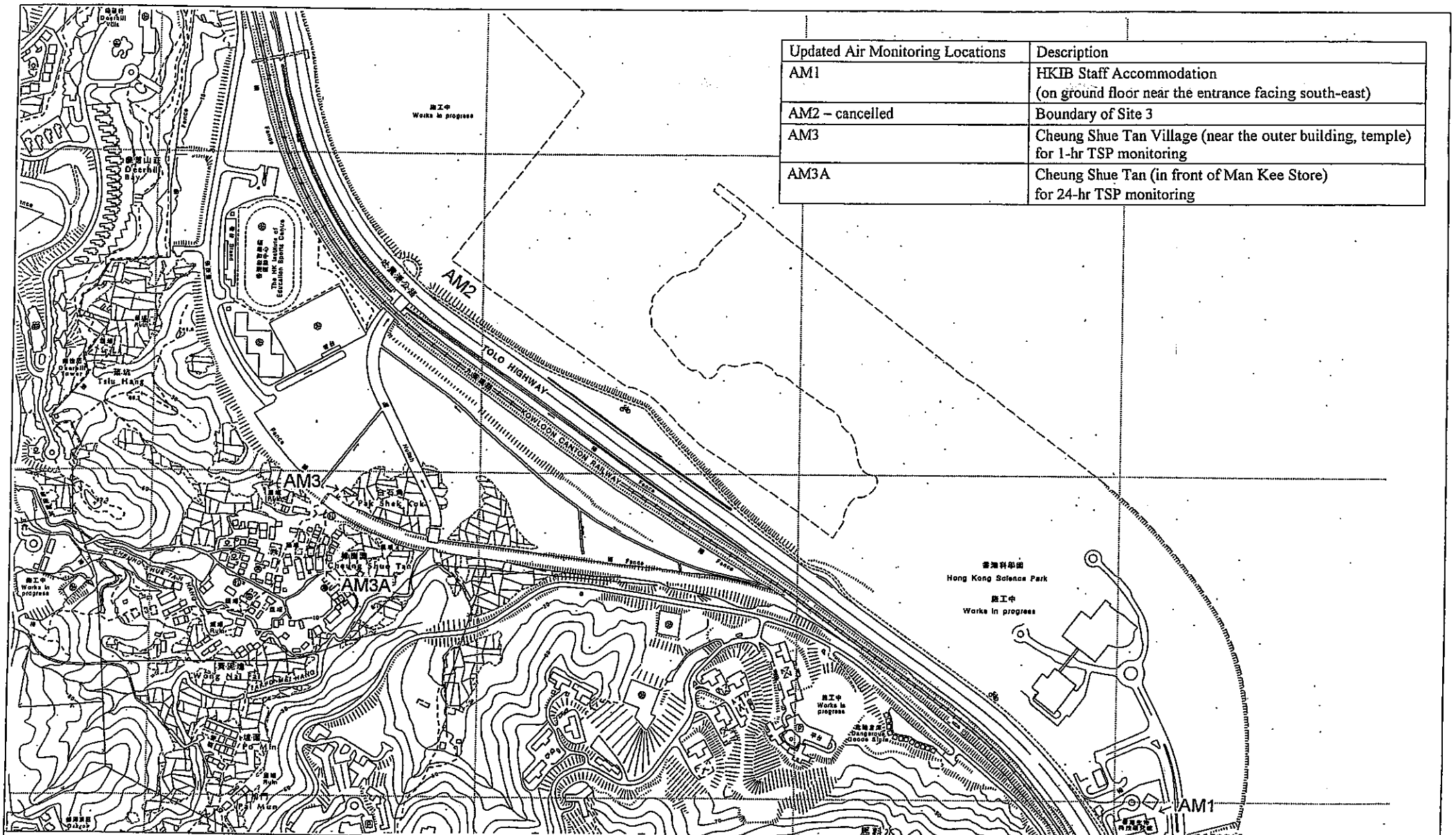
Remaining Engineering Works for Pak Shek Kok Development, Package 1
Contract No. TP35/02

Figure 1 Location of Noise Monitoring Stations

Scale : ---

Revised Date:
15/11/2002

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED



Updated Air Monitoring Locations	Description
AM1	HKIB Staff Accommodation (on ground floor near the entrance facing south-east)
AM2 – cancelled	Boundary of Site 3
AM3	Cheung Shue Tan Village (near the outer building, temple) for 1-hr TSP monitoring
AM3A	Cheung Shue Tan (in front of Man Kee Store) for 24-hr TSP monitoring

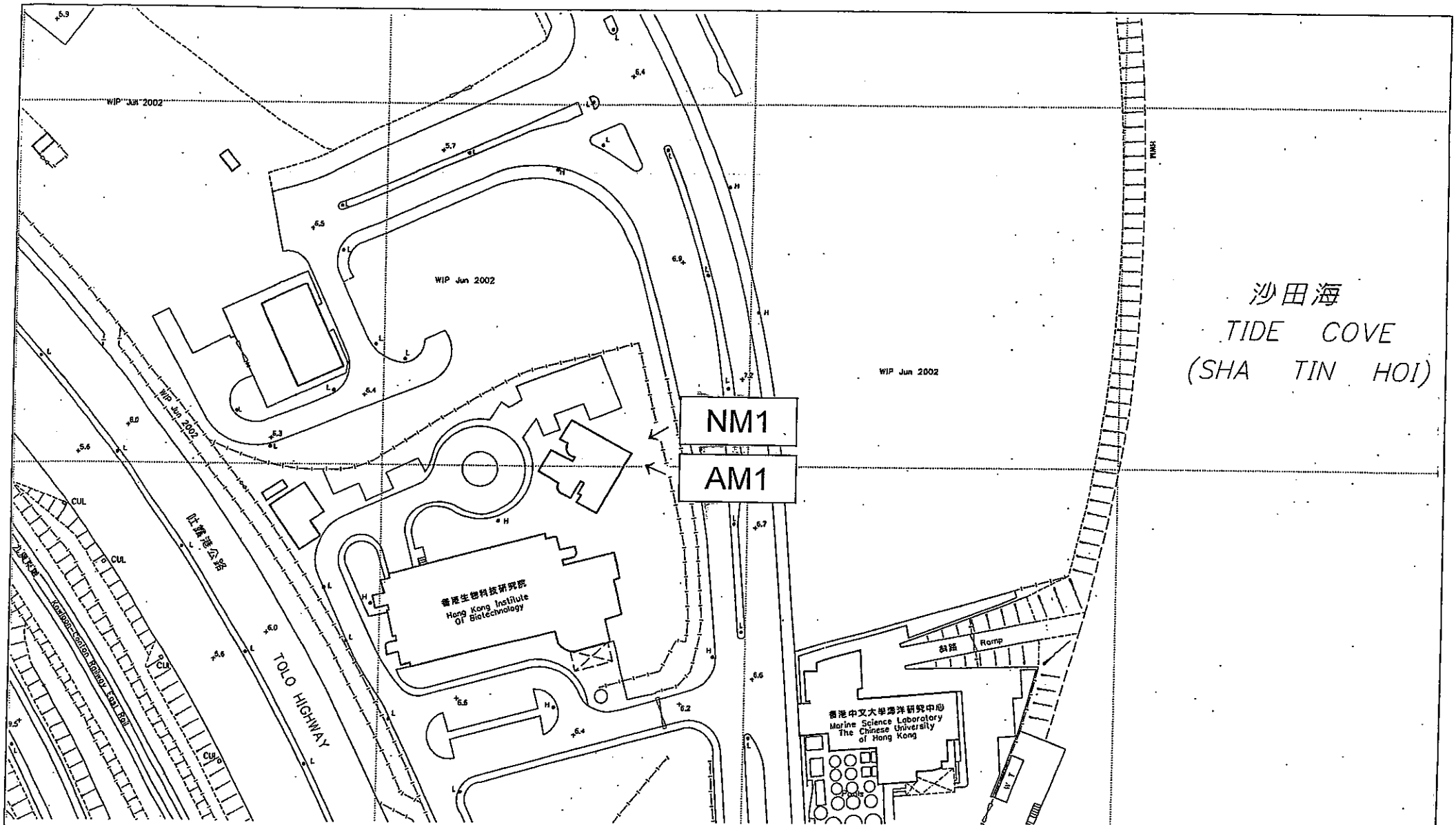
Remaining Engineering Works for Pak Shek Kok Development, Package 1
Contract No. TP35/02

Figure 2 Location of Air Monitoring Stations

Scale : ---

Revised Date:
15/11/2002

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED



Remaining Engineering Works for Pak Shek Kok Development, Package 1
Contract No. TP35/02

Figure 3 Location of Air and Noise Monitoring Stations at HKIB Staff Accommodation

Scale : ---

Revised Date:
15/11/2002

東業德勤測試顧問有限公司
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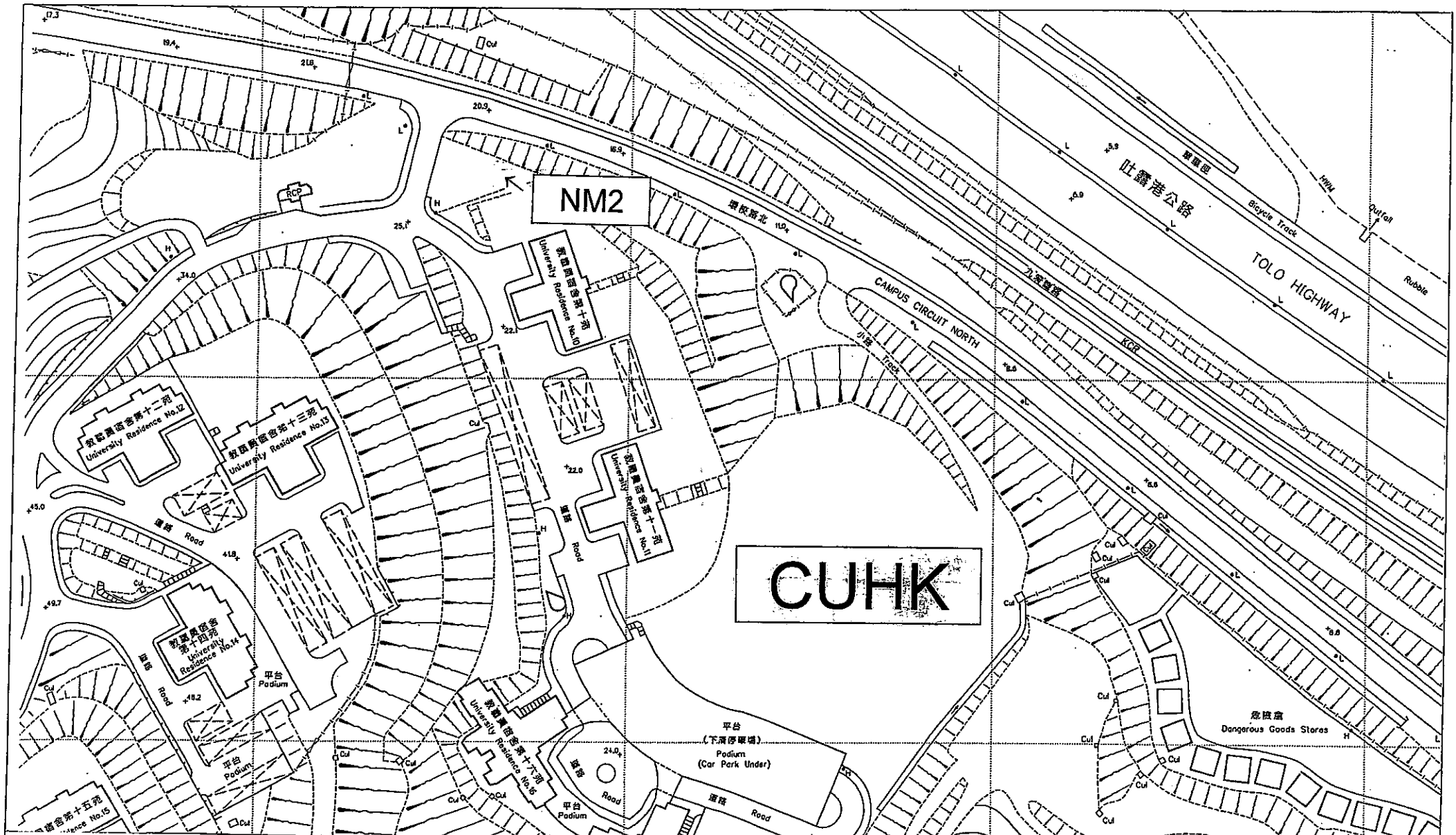

Remaining Engineering Works for Pak Shek Kok Development, Package 1
Contract No. TP35/02

Figure 4 Location of Noise Monitoring Station at CUHK Residence No.10

Scale : ---

Revised Date:
15/11/2002

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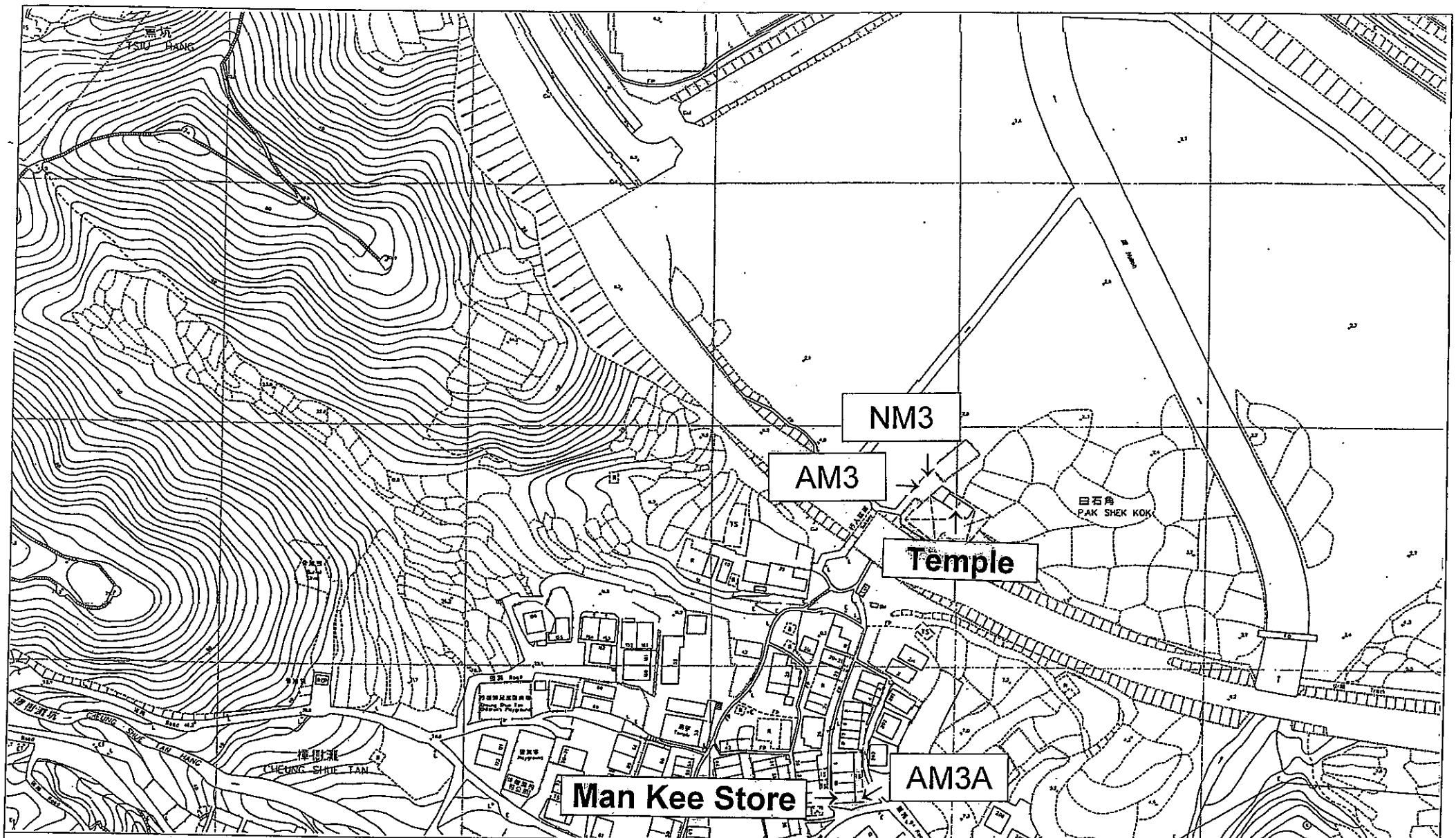
ETS-TESTCONSULT LIMITED



Remaining Engineering Works for Pak Shek Kok Development, Package 1
Contract No. TP35/02

Figure 5 Location of Air and Noise Monitoring Stations
at Cheung Shue Tan Village

Scale : ---

Revised Date:
15/11/2002

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