

EIA STUDY AREA

NOTE:
 This Drawing is an extract from
 the Tseung Kwan O Outline
 Zoning Plan, Plan No. SKKO/6,
 prepared by DPO/SK&I, PD.

商業發展區公共交通交匯處
 COMMERCIAL DEVELOPMENT
 WITH PUBLIC TRANSPORT INTERCHANGE

TSEUNG KWAN O DEVELOPMENT CONTRACT F
 GRADE SEPARATED INTERCHANGE T1/P1/P2

LOCATION OF STUDY AREA

CHECKED
 覆核

APPROVED
 批准

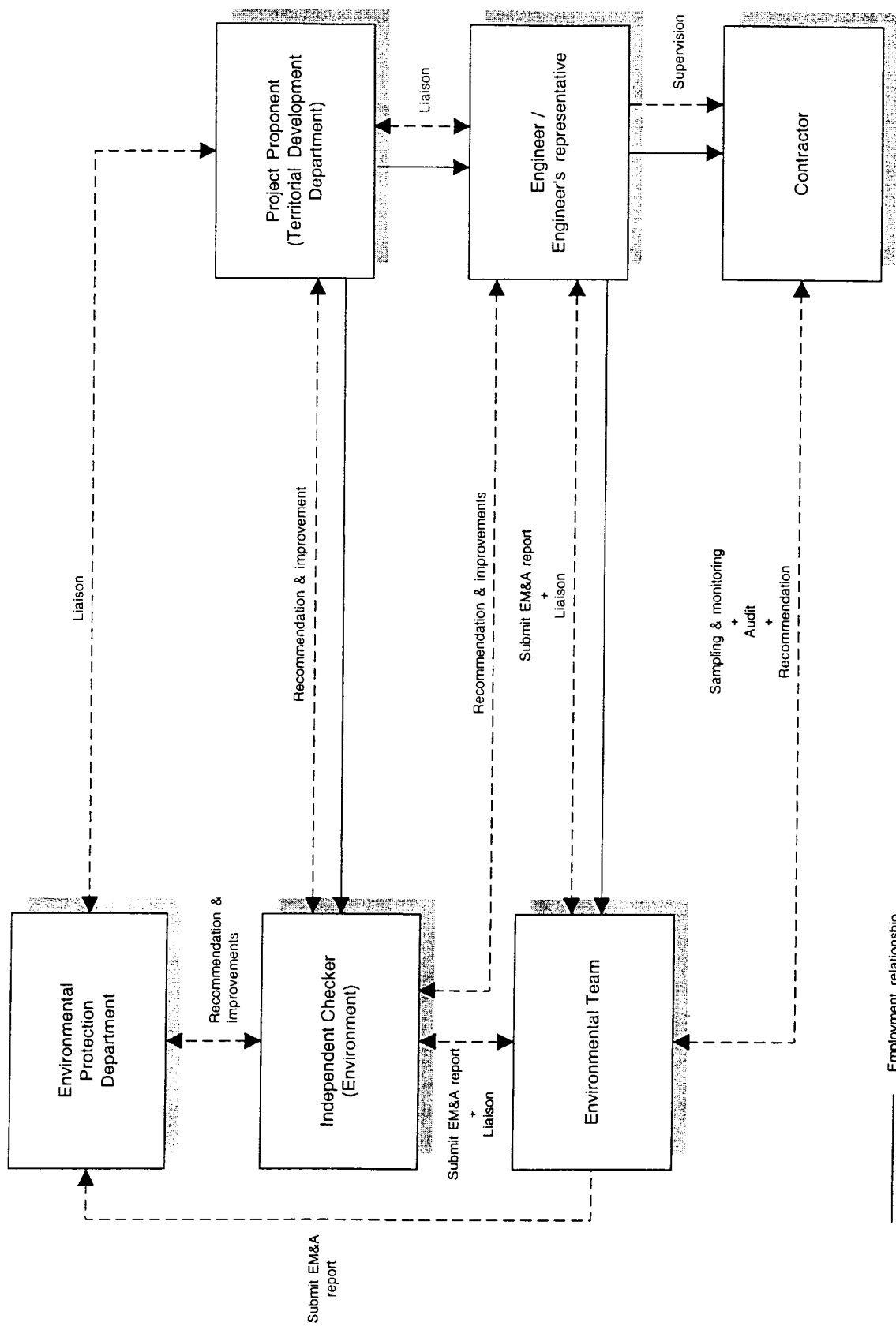
DATE
 日期 APRIL 99

Maunsell

茂盛亞洲工程顧問有限公司

DRG. NO.
 圖紙編號 11

PROJECT ORGANISATION



Submit EM&A report

Recommendation & improvements

Liaison

Recommendation & improvement

Recommendation & improvements

Submit EM&A report + Liaison

Sampling & monitoring + Audit + Recommendation

Liaison

Supervision

Act ID	Description	2000	2001	2002	2003										
1000	Full Enclosure	S	O	N	D	J	F	M	A	M	J	J	A	S	O
1010	Road P2	Full Enclosure													
1020	Subway B	Road P2													
1030	Subway C	Subway B													
1040	Slip Road D	Subway C													
1050	Slip Road F	Slip Road D													
1060	Slip Road E	Slip Road F													
1070	Bridge A	Slip Road E													
1080	Piling Works	Bridge A													
1090	Substructure	Piling Works													
1100	Superstructure	Substructure													
1110	Noise Barrier	Superstructure													
1120	Road P1/T1	Noise Barrier													
1170	Bridge D (Underpass Extension)	Road P1/T1													
1180	Piling Works	Bridge D (Underpass Extension)													
1190	Substructure	Piling Works													
		Substructure													

Early bar
 Progress bar
 Critical bar
 Summary bar
 Start milestone point
 Finish milestone point

Figure 1-4 Preliminary Construction Programme

Act ID	Description
1200	Superstructure
1210	Bridge B
1220	Piling Works
1230	Substructure
1240	Superstructure
1250	Slip Road G
1260	Slip Road B
1270	Subway A
1280	Bridge C
1290	Piling Works
1300	Substructure
1310	Superstructure
1315	Noise barrier
1320	Footpath / Cycle Track
1330	Landscaping Work

2000 S O N D J J F M A M J J A S O N D J J F M A M J J A S O N D J J F M A M J J A S O

2001 J J F M A M J J A S O N D J J F M A M J J A S O

2002 J J F M A M J J A S O N D J J F M A M J J A S O

2003 J J F M A M J J A S O N D J J F M A M J J A S O

Start date	22JAN99
Finish date	31MAR03
Data date	22JAN99
Run date	01JUN99
Page number	2A
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Figure 1-4 Preliminary Construction Programme

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point

Figure 1-5 Sample Template for Interim Notifications of Environmental Quality Limits Exceedances

Incident Report on Action Level or Limit Level Non-compliance

Project	
Date	
Time	
Monitoring Location	
Parameter	
Action & Limit Levels	
Measured Level	
Possible reason for Action or Limit Level Non-compliance	
Actions taken / to be taken	
Remarks	

Location Plan

Prepared by :

Designation :

Signature :

Date :

Figure 2-1 Data Sheet for TSP Monitoring

Monitoring Location		
Details of Location		
Sampler Identification		
Date & Time of Sampling		
Elapsed-time Meter Reading	Start (min.)	
	Stop (min.)	
Total Sampling Time (min.)		
Weather Conditions		
Site Conditions		
Initial Flow Rate, Qsi	Pi (mmHg)	
	Ti (°C)	
	Hi (in.)	
	Qsi (Std. m ³)	
Final Flow Rate, Qsf	Pf (mmHg)	
	Tf (°C)	
	Hf (in.)	
	Qsf (Std. m ³)	
Average Flow Rate (Std. m ³)		
Total Volume (Std. m ³)		
Filter Identification No.		
Initial Wt. of Filter (g)		
Final Wt. of Filter (g)		
Measured TSP Level (µg/m ³)		

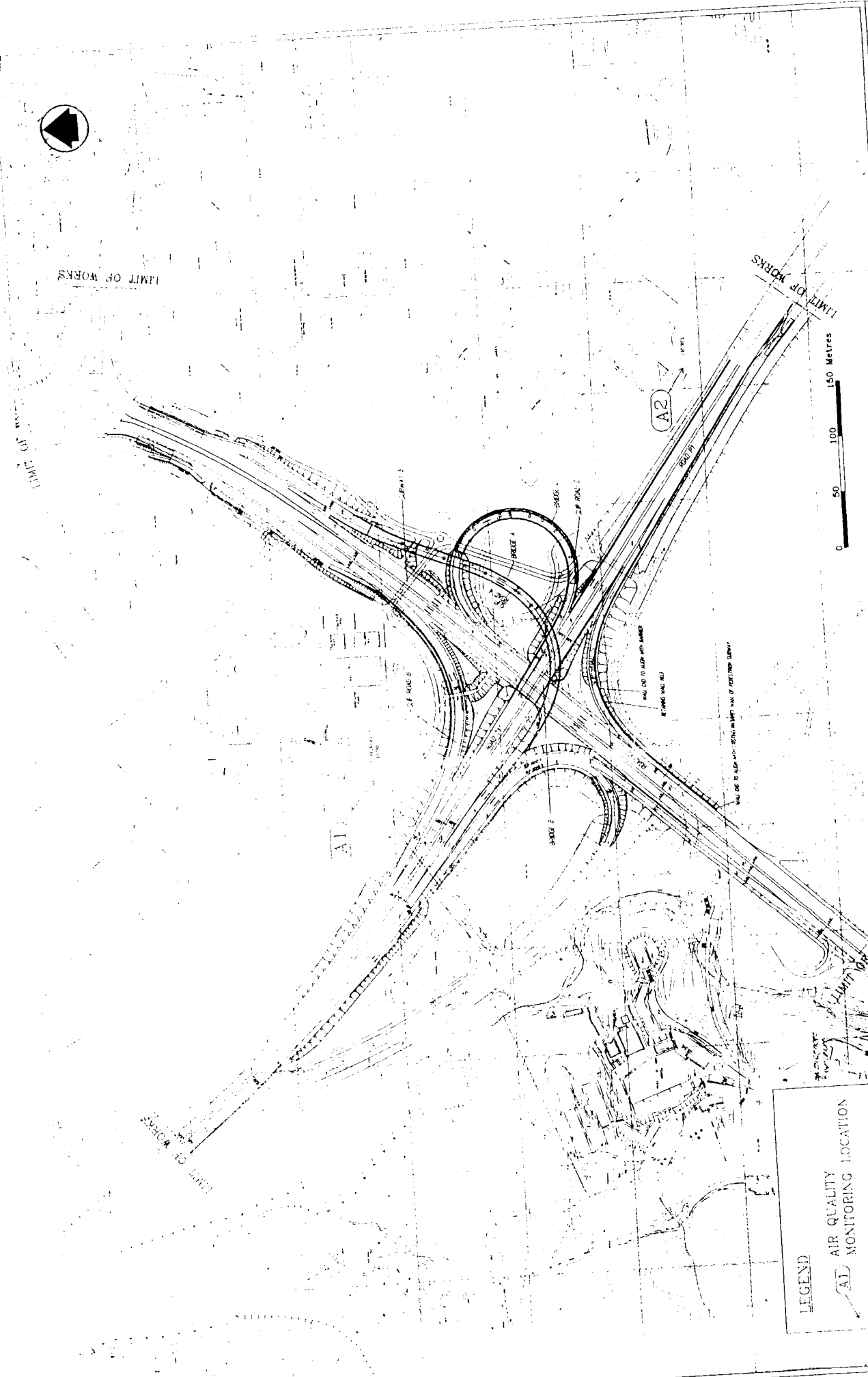
	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator :	_____	_____	_____
Laboratory Staff :	_____	_____	_____
Checked by :	_____	_____	_____

FIGURE NO 2-2

SCALE AS SHOWN DATE APRIL 1999

TSEUNG KWAN O DEVELOPMENT CONTRACT F GRADE SEPARATED INTERCHANGE T1/P1/P2

AIR QUALITY MONITORING LOCATIONS



LEGEND

AQ AIR QUALITY MONITORING LOCATION

Figure 3-1 Noise Monitoring Field Record Sheet

Monitoring Location		
Description of Location		
Date of Monitoring		
Measurement Start Time (hh:mm)		
Measurement Time Length (min.)		
Noise Meter Model/Identification		
Calibrator Model/Identification		
Measurement Results	L ₉₀ (dB(A))	
	L ₁₀ (dB(A))	
	Leq (dB(A))	
Major Construction Noise Source(s) During Monitoring		
Other Noise Source(s) During Monitoring		
Remarks		

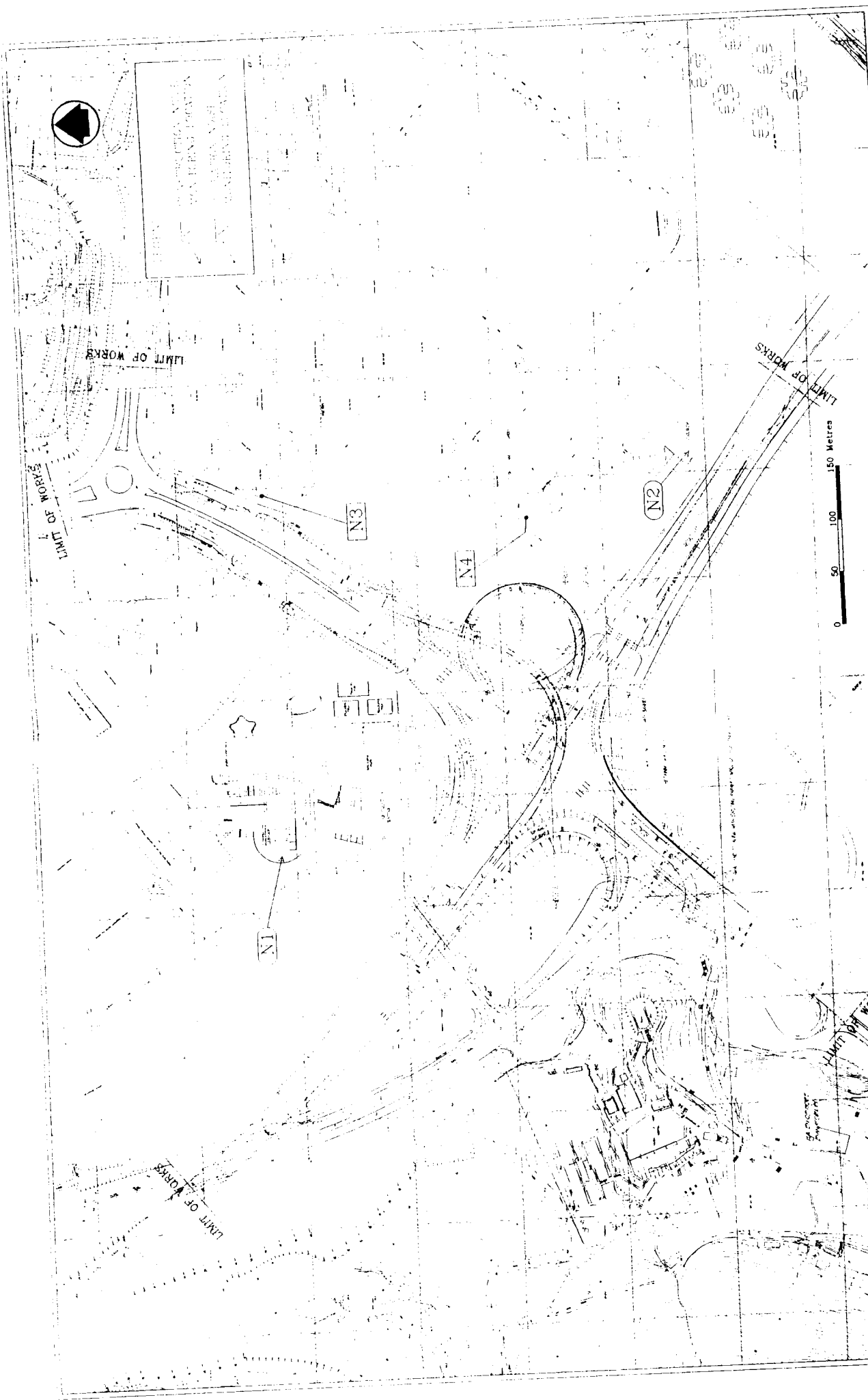
Name & Designation

Signature

Date

Recorded By :

Checked By :



Mansell

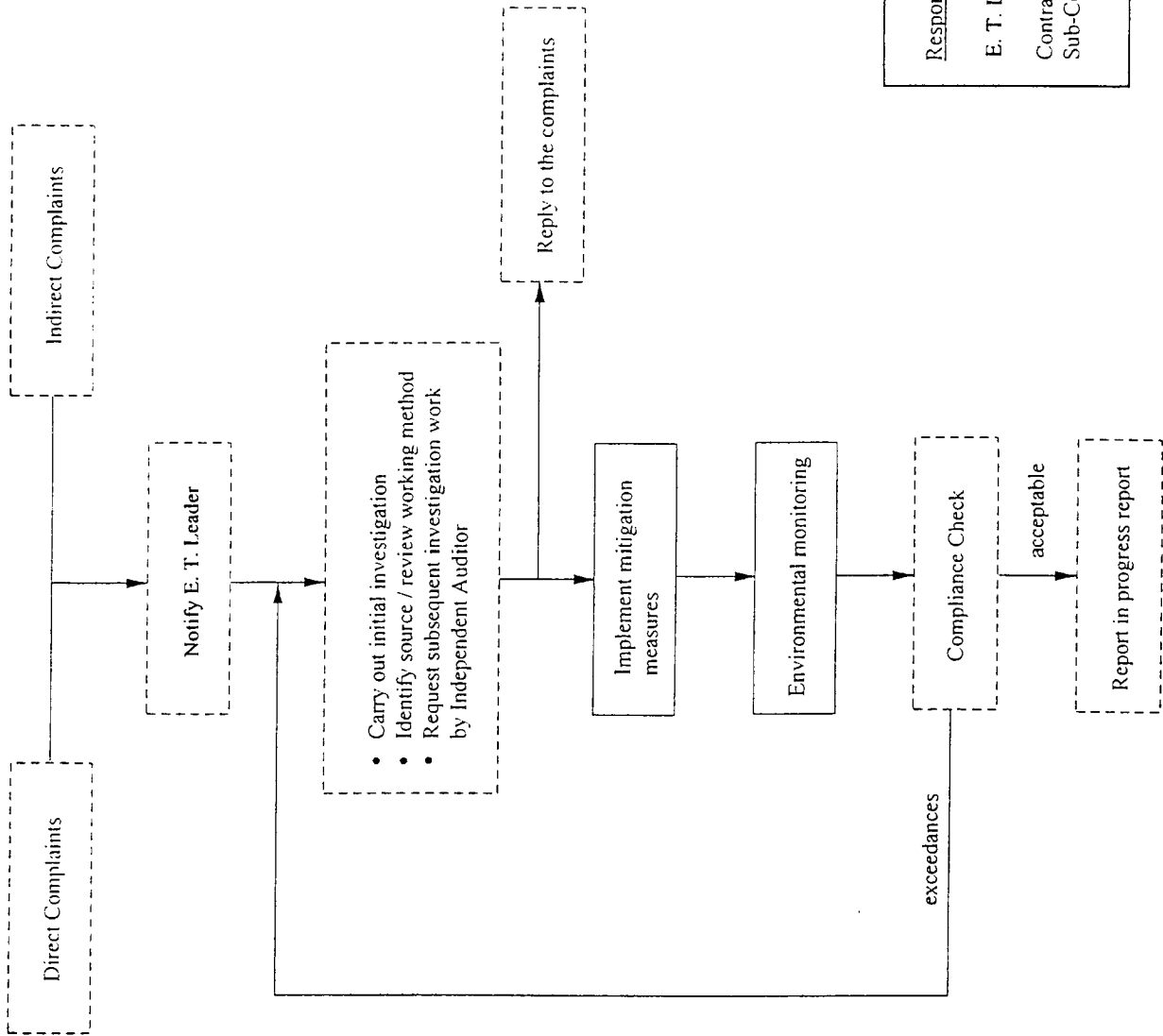
FIGURE NO 3-2

SCALE AS SHOWN

DATE APRIL 1999

TSEUNG KWAN O DEVELOPMENT CONTRACT F GRADE SEPARATED INTERCHANGE T1/P1/P2

PROPOSED NOISE MONITORING LOCATIONS



Responsibilities

E. T. Leader

Contractor / Sub-Contractor

TSEUNG KWAN O DEVELOPMENT CONTRACT F GRADE SEPARATED INTERCHANGE T1/P1/P2

COMPLAINT RESPONSE PROCEDURES